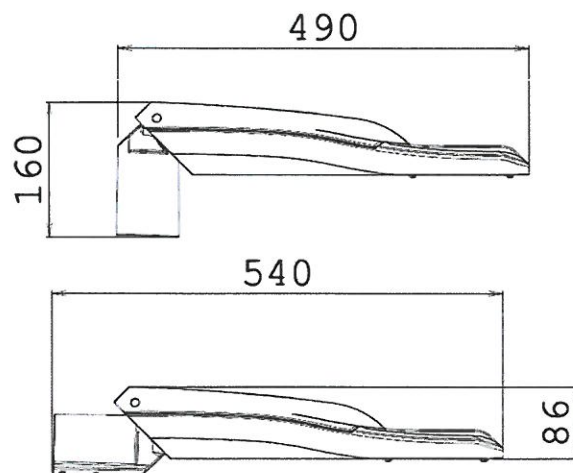
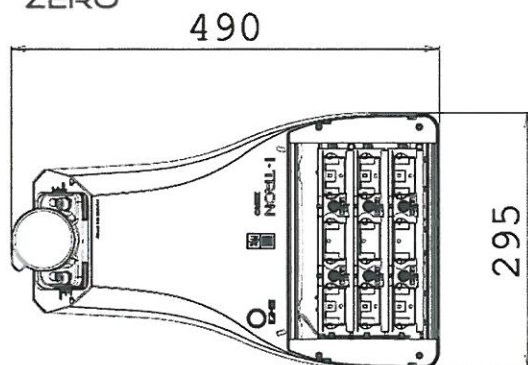
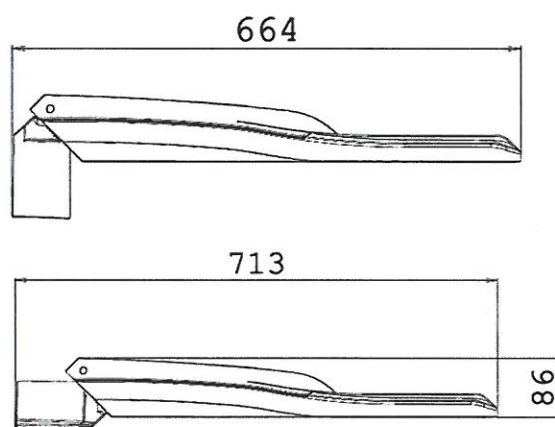
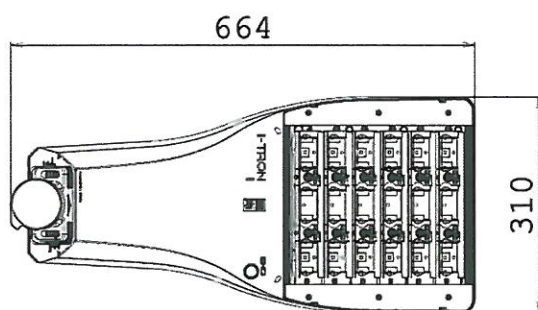


I-TRON ZERO



I-TRON 1



I-TRON ZERO

I-TRON 1

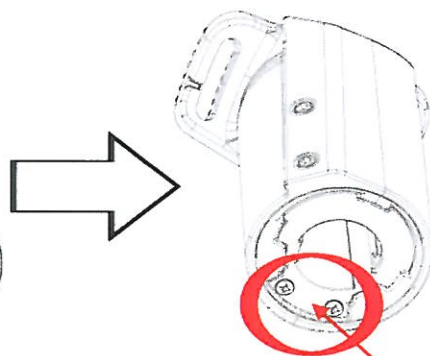
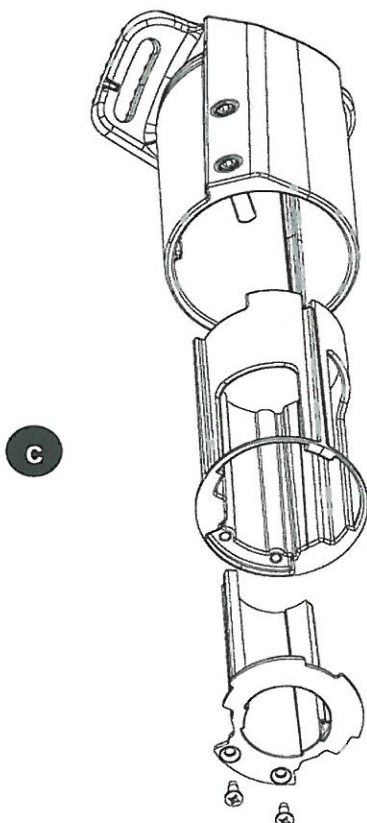
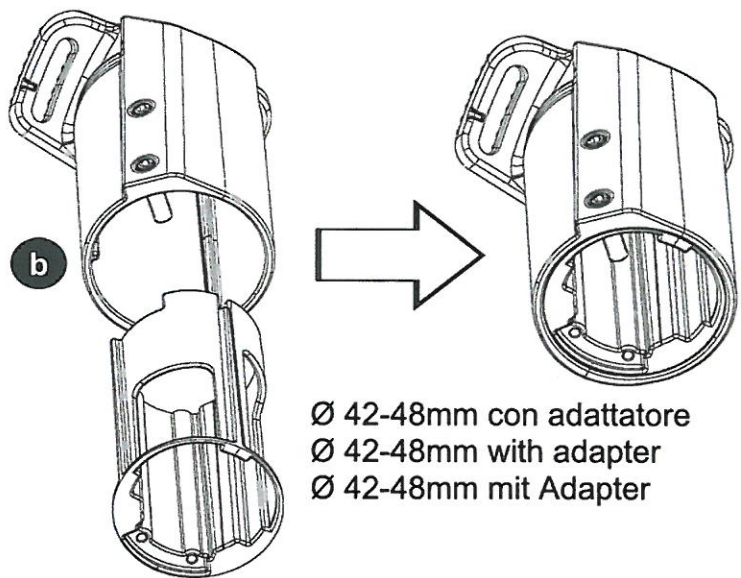
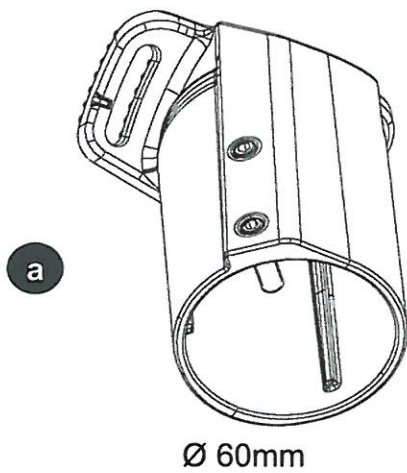
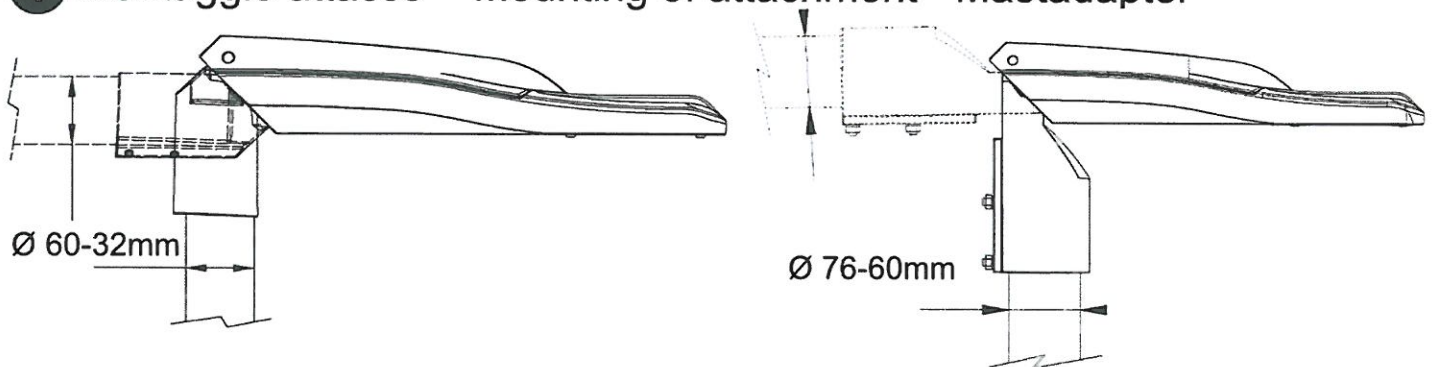
SUPERFICIE LATERALE	SIDE AREA	WINDANGRIFFSFLÄCHE (SEITE)	0.03m ²	0.03m ²
SUPERFICIE DI BASE	BASE AREA	WINDANGRIFFSFLÄCHE (OBEN)	0.11m ²	0.16m ²
PESO (Max)	WEIGHT (Max)	GEWICHT (Max)	4.5kg	7.0kg
COEFFICIENTE DI FORMA	FORM FACTOR	FORM FACTOR	1.2	
MAX ALTEZZA DI INSTALLAZIONE	MAX HEIGHT OF INSTALLATION	MONTAGEHÖHE (Max)	15m	
TA USO	TA USE	TA ANWENDUNGSBEREICH	50°C Outdoor	
IEC/EN 62471			EXEMPT GROUP	
IEC/TR 62778 - RG1-RG2 (C-Max):		I-TRON	0.70m ÷ 1.90m*	0.70m ÷ 3.00m*
		I-TRON B	1.12m ÷ 2.37m*	1.12m ÷ 3.28m*
IEC/TR 62778 - RG1-RG2 (C-90):		I-TRON	0.50m ÷ 1.30m*	0.50m ÷ 2.00m*
		I-TRON B	0.91m ÷ 1.95m*	0.91m ÷ 2.69m*

* In funzione della potenza e dal tipo di apparecchio

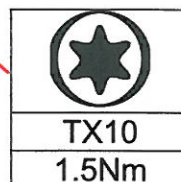
* According to the wattage and the type of the luminaire

* In Abhängigkeit zur Systemleistung und Variante

1 Montaggio attacco - Mounting of attachment - Mastadapter

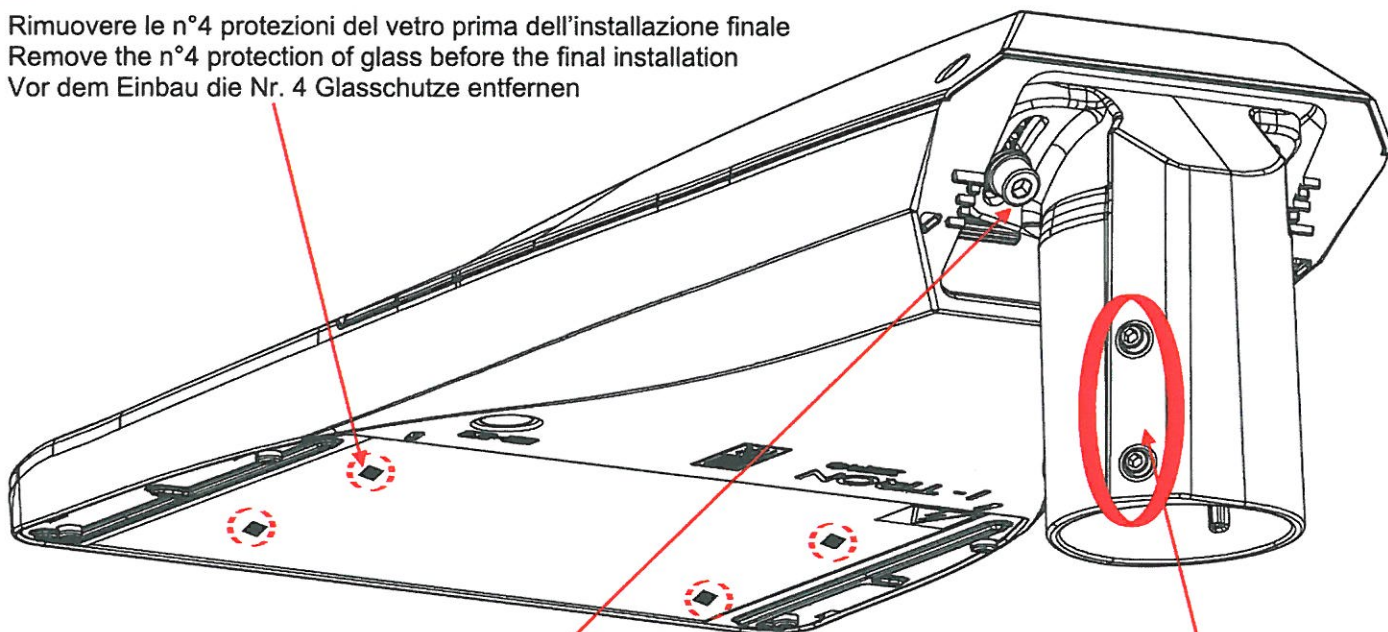


Ø 32mm con doppio adattatore
Ø 32mm with double adapter
Ø 32mm mit doppeltem Adapter




2a Montaggio - Mounting - Mastmontage

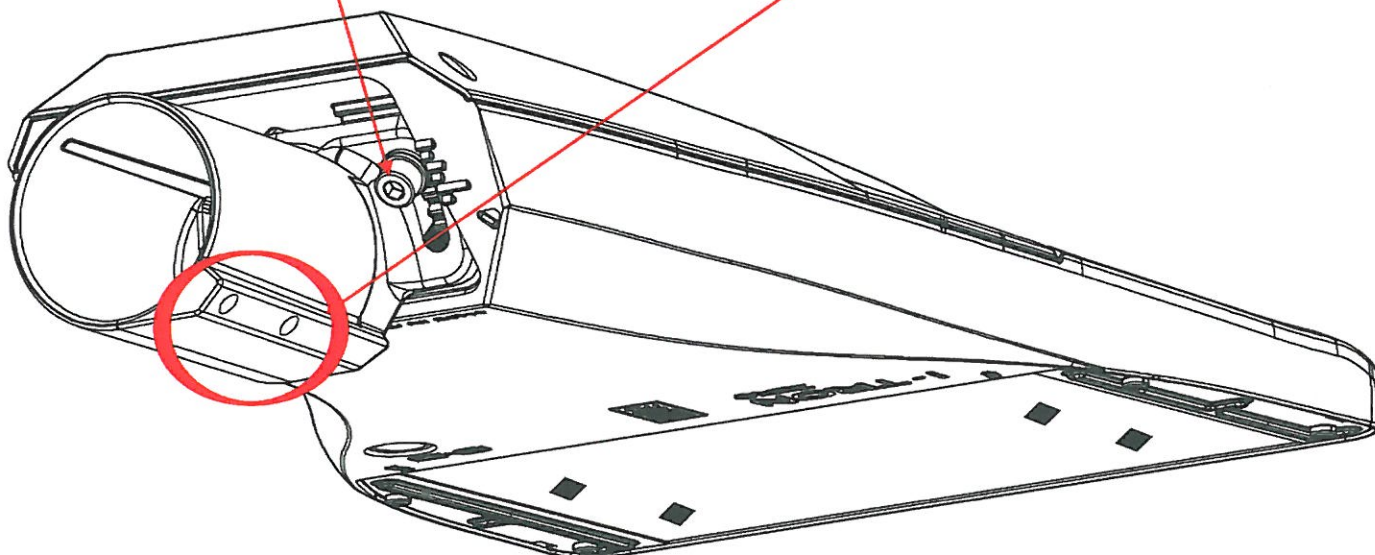
Rimuovere le n°4 protezioni del vetro prima dell'installazione finale
Remove the n°4 protection of glass before the final installation
Vor dem Einbau die Nr. 4 Glasschutze entfernen



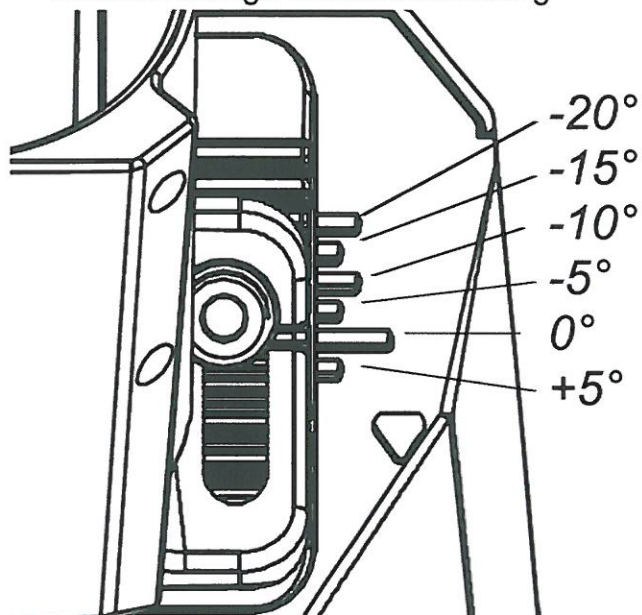
N° 2 viti N°2 screws N° 2 Schrauben
M8

6mm
10Nm

N° 2 grani N°2 grub screws N° 2 Schrauben
M8

4mm
10Nm

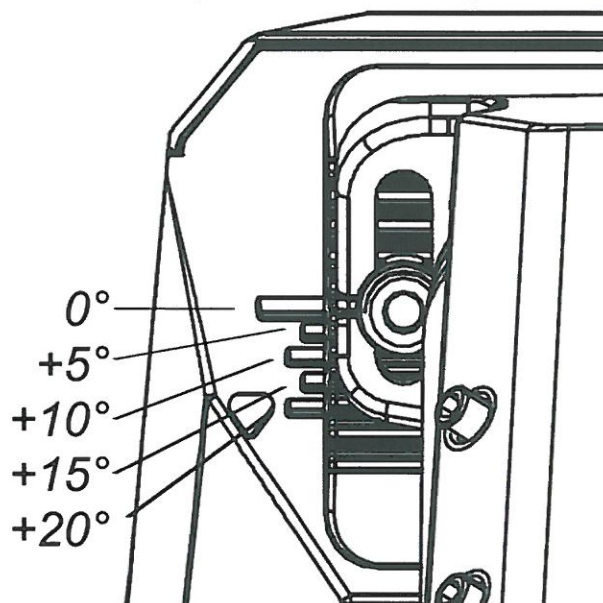


2b Braccio - Bracket
Ansatzmontage Winkelseinstellung

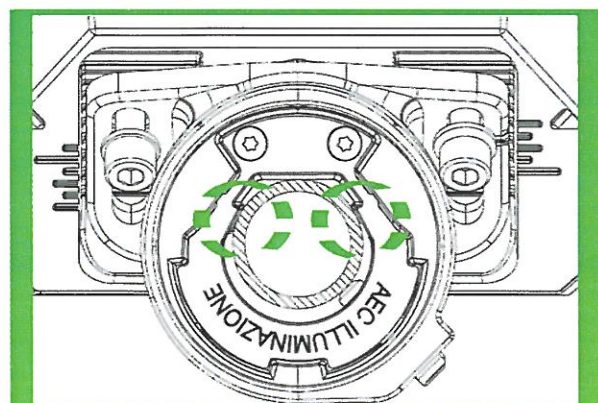
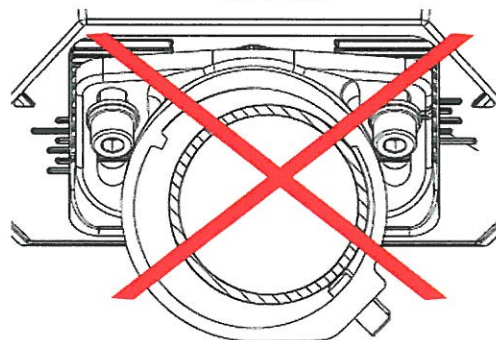
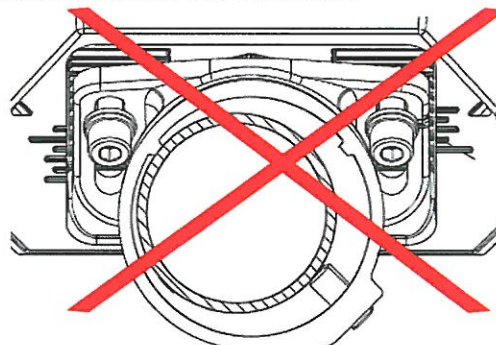
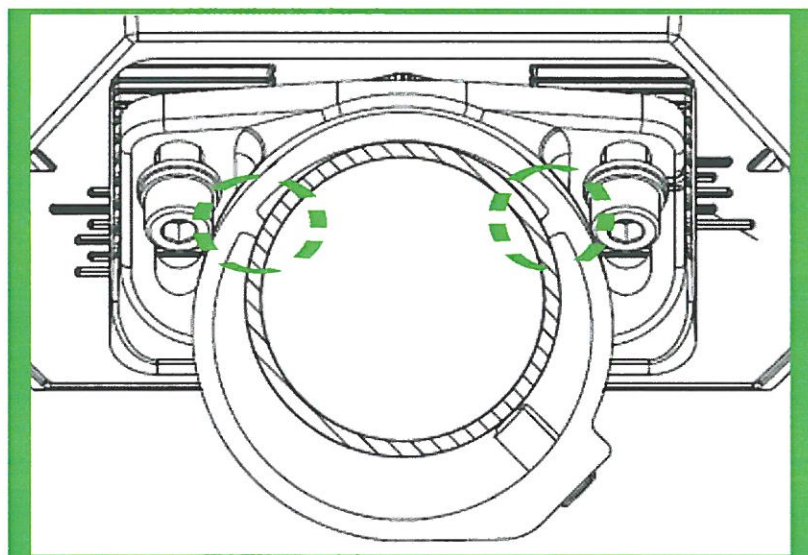


Posizione corretta del palo/braccio
Right position of the pole/bracket
Korrekte Position der Mast/Arm

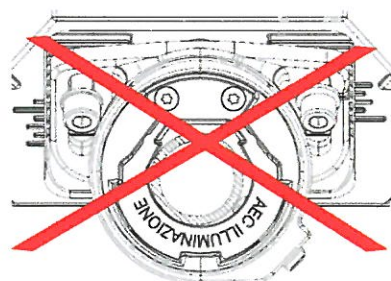
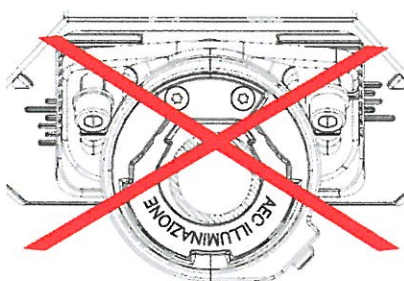
Testa-palo - Post-top
Aufsatzmontage Winkelseinstellung



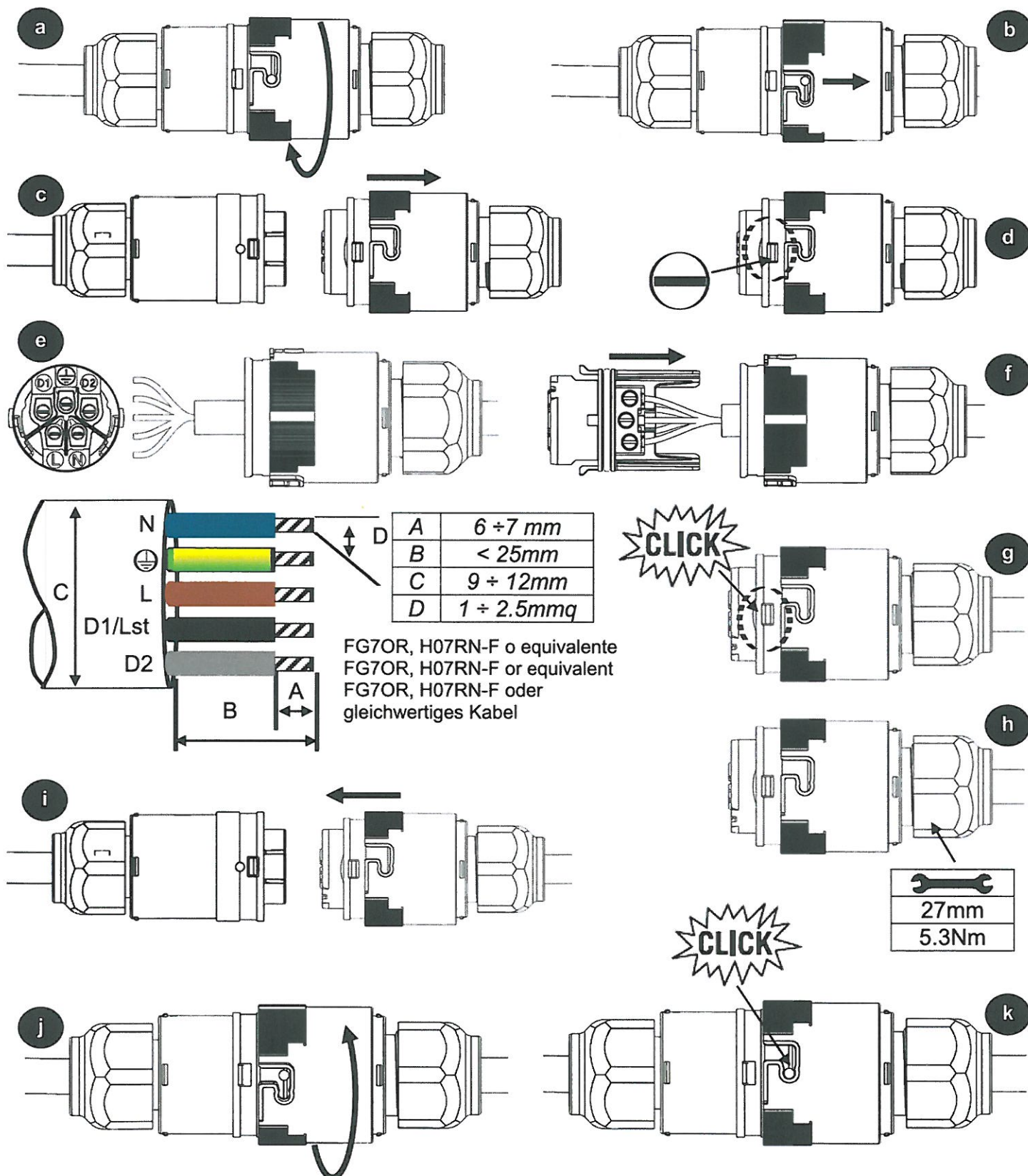
Posizione errata del palo/braccio
Wrong position of the pole/bracket
Falsche Position der Mast/Arm



Con adattatore
Adapter



3 Connessione elettrica cl.1 e cl.2 - Apparecchio con connettore
Electrical line connection cl.1 and cl.2 - Luminaire with external connector
Elektrischer Anschluss ks.1 und ks.2 - Gerät mit Stecker



4 Connessione elettrica cl.1 e cl.2 - Apparecchio con cavo uscente Electrical line connection cl.1 and cl.2 - Luminaire with outgoing cable Elektrischer Anschluss ks.1 und ks.2 - Gerät mit Ausgehenden Kabel

I-TRON è un apparecchio dove non è inclusa la morsettiera, quindi l'installazione può richiedere l'intervento di personale qualificato.

I-TRON is a luminaire without terminal block, so the installation may require advice from a qualified person.

Der Anschluss der Leuchte am Stromnetz bedarf den Einsatz von Fachpersonal!

Caratteristiche del connettore o della scatola di derivazione

Connector or junction box characteristics

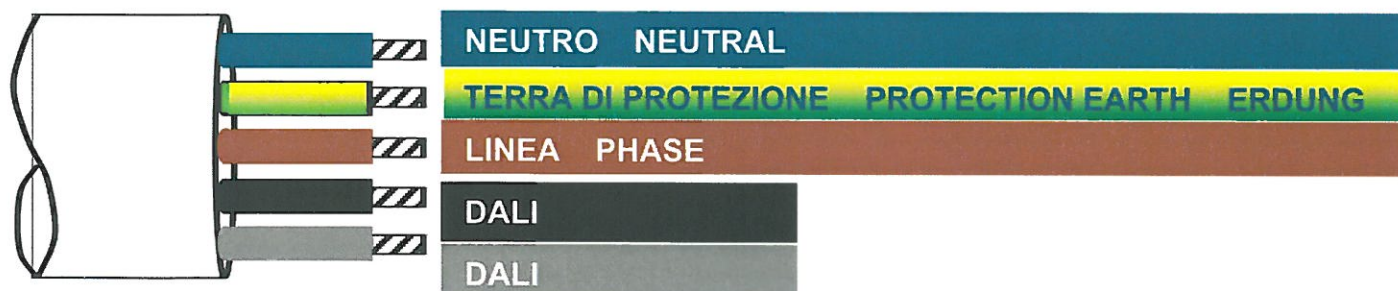
Eigenschaften des Steckverbinders oder der Anschlussdose

Il collegamento elettrico dentro la scatola di derivazione deve mantenere lo stesso grado di protezione alla scossa elettrica dell'apparecchio.

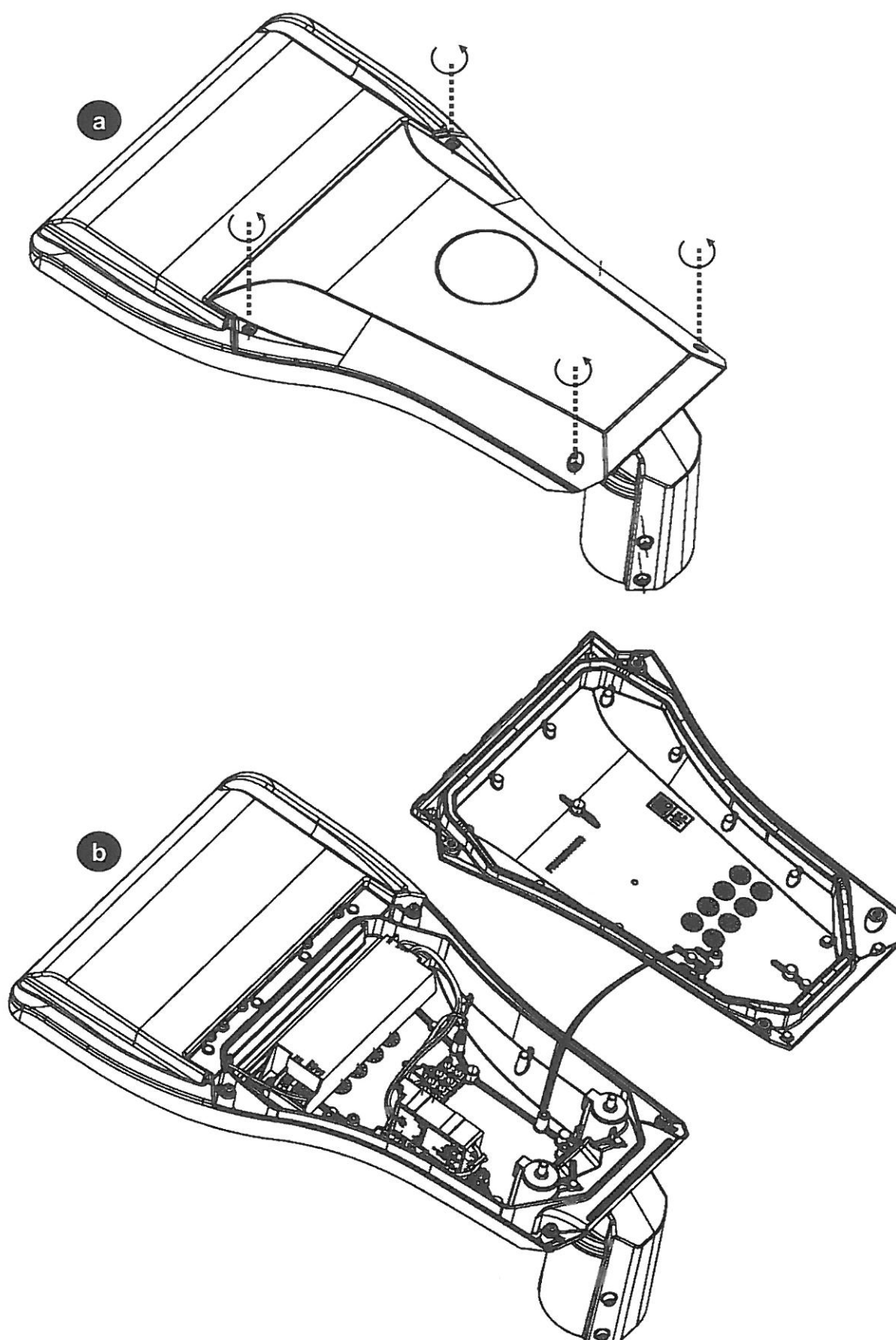
The electrical connections internal to the junction box have to maintain the same insulation class of the luminaire.

Die elektrische Verbindung innerhalb der Anschlussdose muss den gleichen Schutzgrad gegen den elektrischen Schlag des Geräts gewährleisten

Grado di protezione Protection degree Schutzgrad	≥ IP66			
Morsettiera di alimentazione Mains terminal Stromanschlussleiste	Conforme alla IEC/EN 60998-2-1 o IEC/EN 60998-2-2 Complies to IEC/EN 60998-2-1 o IEC/EN 60998-2-2 Entspricht dem IEC/EN 60998-2-1 o IEC/EN 60998-2-2			
N° di poli N° of poles Anzahl der Pole	2 (cl.2)	3 (cl.1) (cl.2 - DB)	4 (cl.1 - DB) (cl.2 - DALI)	5 (cl.1 - DALI)
Tensione e corrente nominale Nominal voltage and current Spannung und Nennstrom	400/450 Vac _ 6A			
Sezione morsetti Terminals section Terminalabschnitt	0.75 ÷ 2.5 mm ²			



5 Apertura apparecchio – Luminaire opening - Gerät öffnung

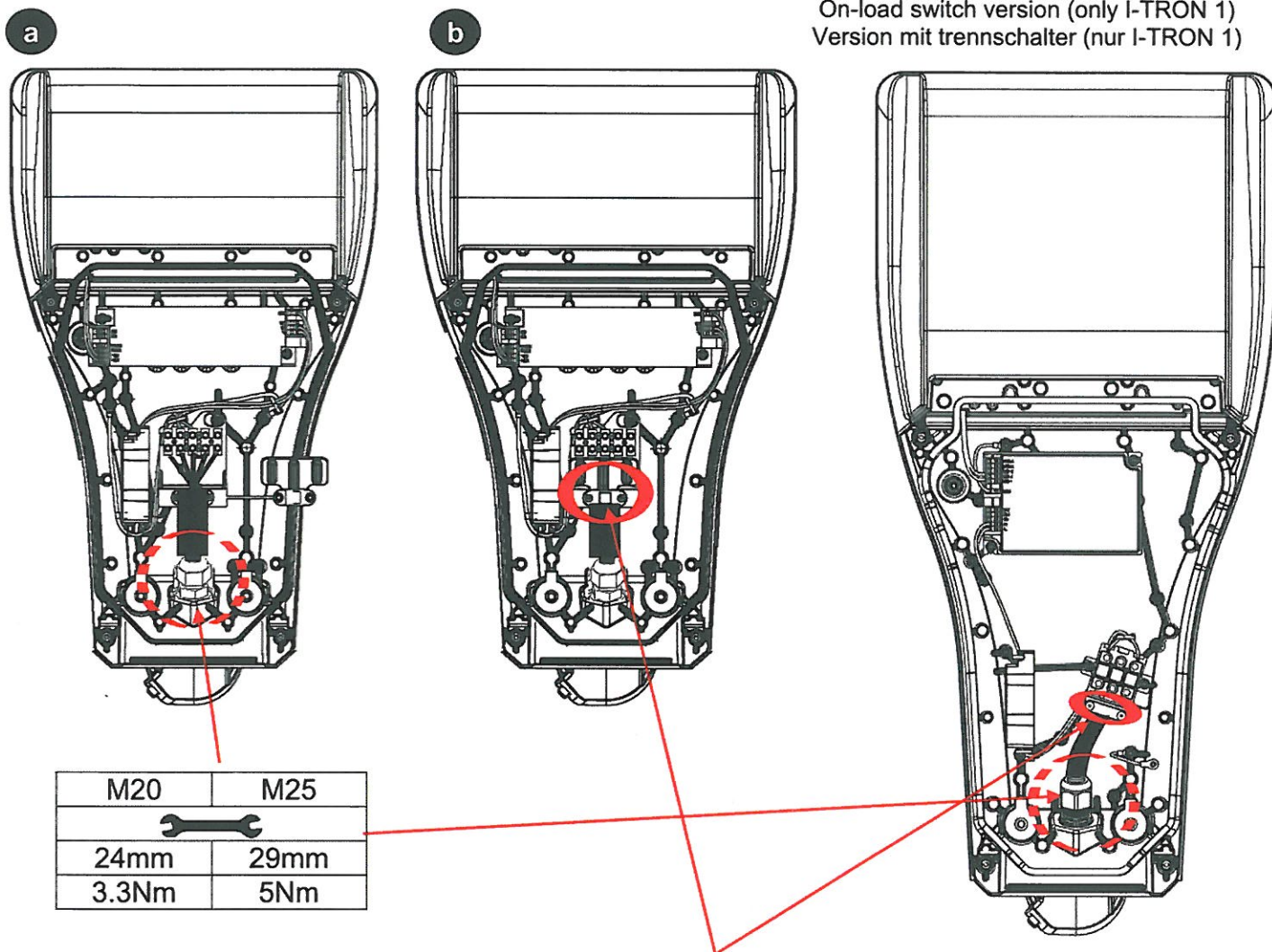


6 Connessione elettrica cl.1 e cl.2 - Electrical line connection cl.1 and cl.2 - Elektrischer Anschluss ks.1 und ks.2

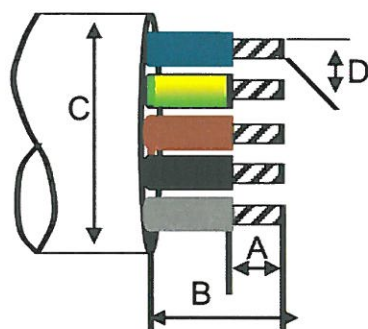
Versione con sezionatore (solo I-TRON 1)

On-load switch version (only I-TRON 1)

Version mit trennschalter (nur I-TRON 1)



È necessario serrare il fermacavo sulla guaina esterna del cavo di alimentazione.
It is strictly necessary tight the external sheet of the mains cable to the cable holder.
Es ist unbedingt notwendig den Kabelhalter an das Aussenblech des Netzkabels zu befestigen.



Morsettiera
Terminal board
Klemmenblock

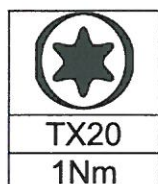
Sezionatore
On-load switch
Trennschalter

A	6 + 7mm	
B	< 40mm	< 25mm
C	M20: 8 + 13mm M25: 10 + 14mm	
D	≤ 2.5mmq	

Rispettare le indicazioni sulla morsettiera / sezionatore
Respect the indication on the mains terminal board / On-load switch
Die Anweisungen auf dem Klemmenblock folgen / Trennschalter

7 Manutenzione interna - Internal maintenance - Interne Wartung

Sostituzione modulo LED: c-b-a → b-a-c
 Replacement LED module: c-b-a → b-a-c
 Ersatz des LED-Moduls: c-b-a → b-a-c

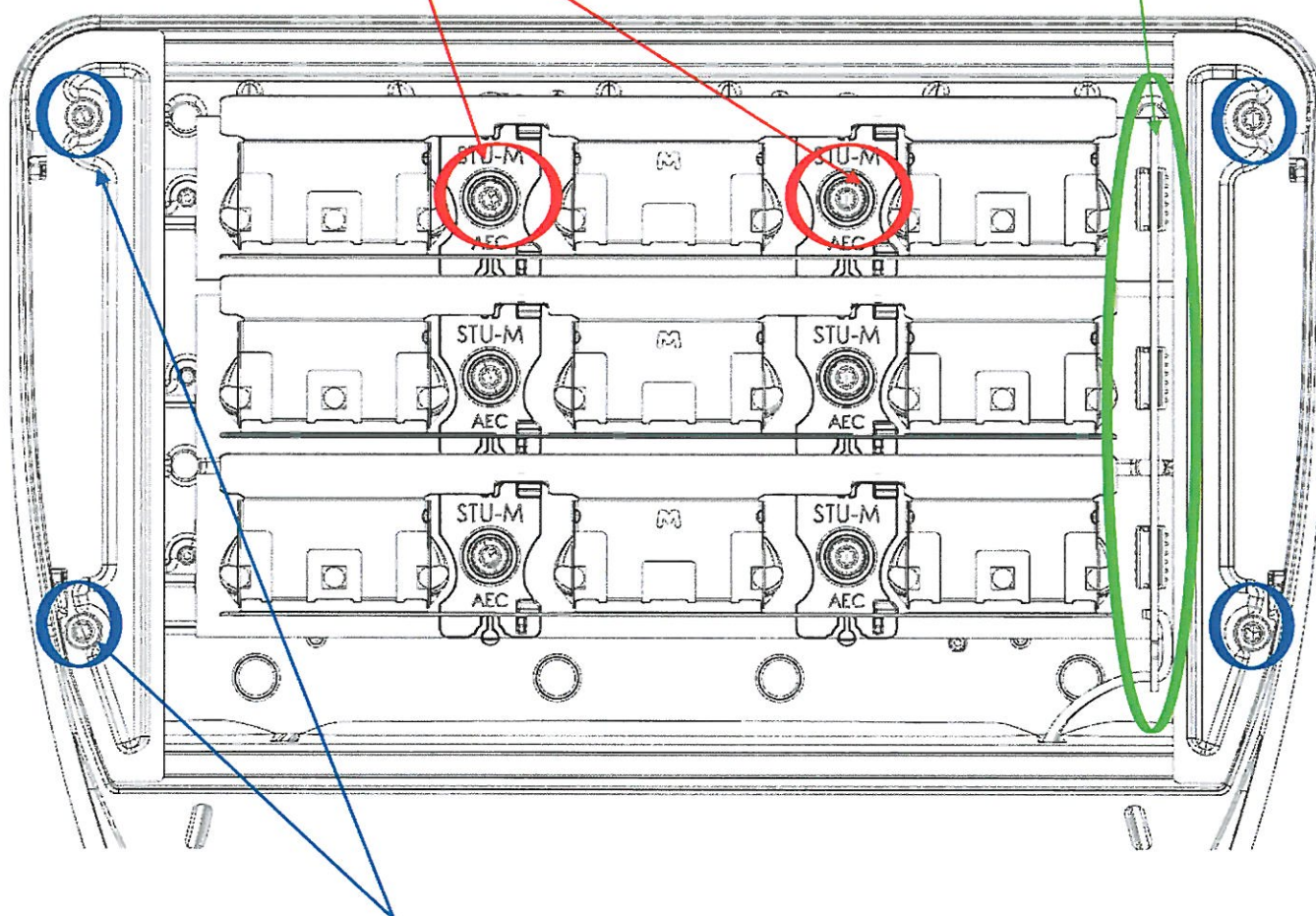


n°2 viti che fissano ogni PCB
 n°2 screws that fix each PCB
 2 Schrauben, die jede Leiterplatte befestigen

a

Connettore PCB
 PCB connector
 PCB-Anschluss

b



n°2 viti che fissano ogni squadretta
 n°2 screws that fix each plate
 2 Schrauben, die jede Platte befestigen

c

8

MANUTENZIONE SPD

Il dispositivo di protezione installato nell'apparecchio è dotato di un sistema di interruzione del circuito a fine vita che esclude l'alimentazione dell'apparecchio.

In caso di spegnimento dell'apparecchio ad impianto alimentato, controllare l'attività del dispositivo tramite il LED di segnalazione.

SPD MAINTENANCE

The protection device is equipped with system that excludes power supply at the end of life of the luminaire. If the luminaire switches-off when the system is still fed, the activity of the protection device should be checked looking at signaling LED.

SPD ÜBERSPANNUNGSSCHUTZMODUL

Der Überspannungsschutz hat ein System das die Stromversorgung am Ende der Lebensdauer der Leuchte abschaltet.

Wenn die Leuchte bei anliegender Netzspannung abschaltet, sollte der Überspannungsschutz überprüft werden (Signal-LED).

LED ACCESO: Scaricatore funzionante

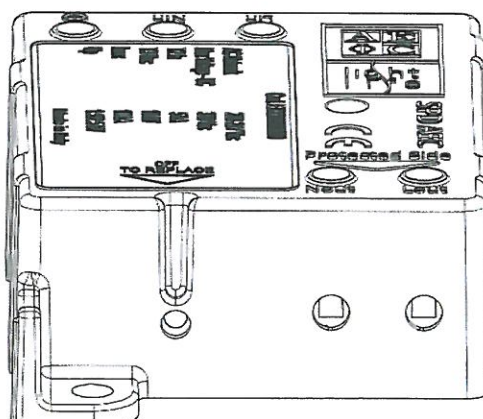
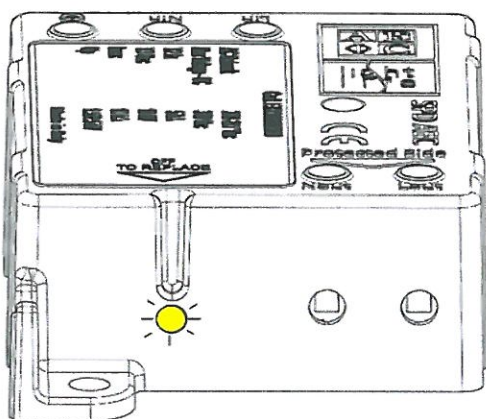
LED ON: Right functioning of SPD

LED leuchtet: SPD-Modul funktioniert

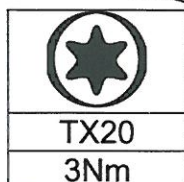
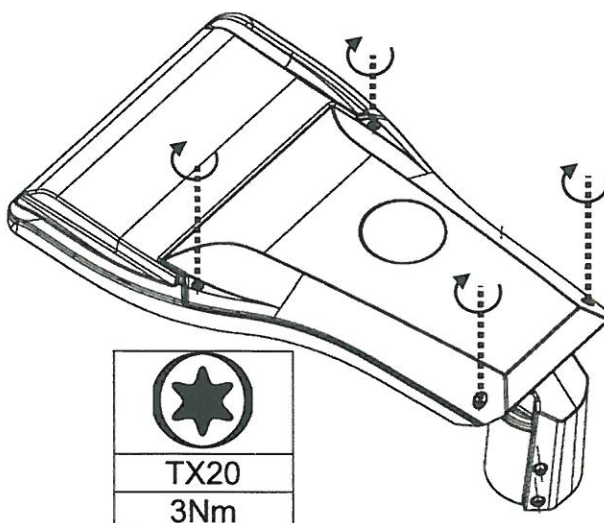
LED SPENTO: Scaricatore a fine vita da sostituire

LED OFF: Replace the SPD

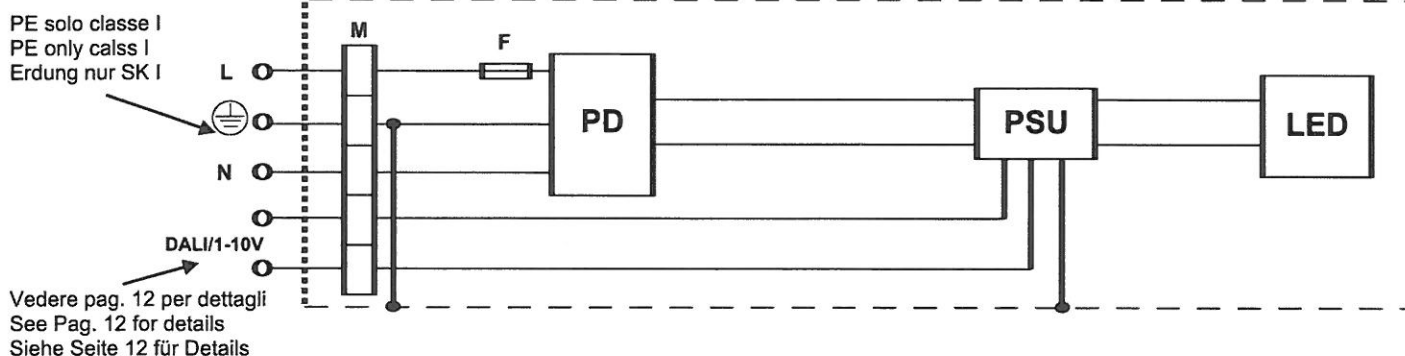
LED aus: SPD-Modul muss ausgetauscht werden



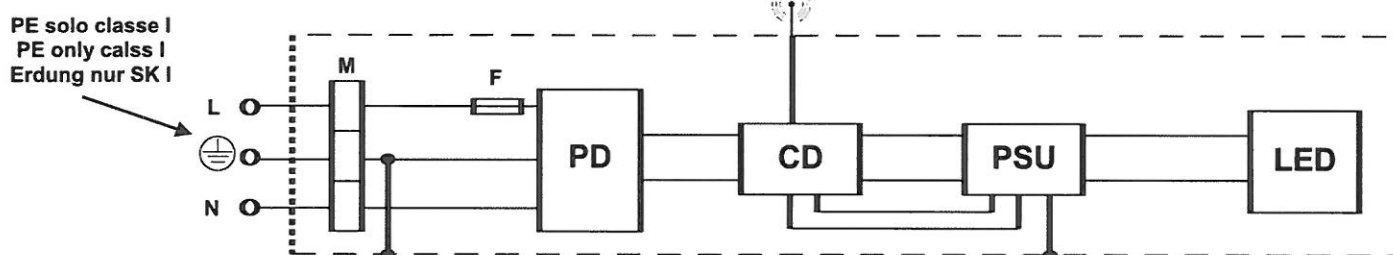
9 Chiusura apparecchio – Luminaire closure - Leuchte schließen



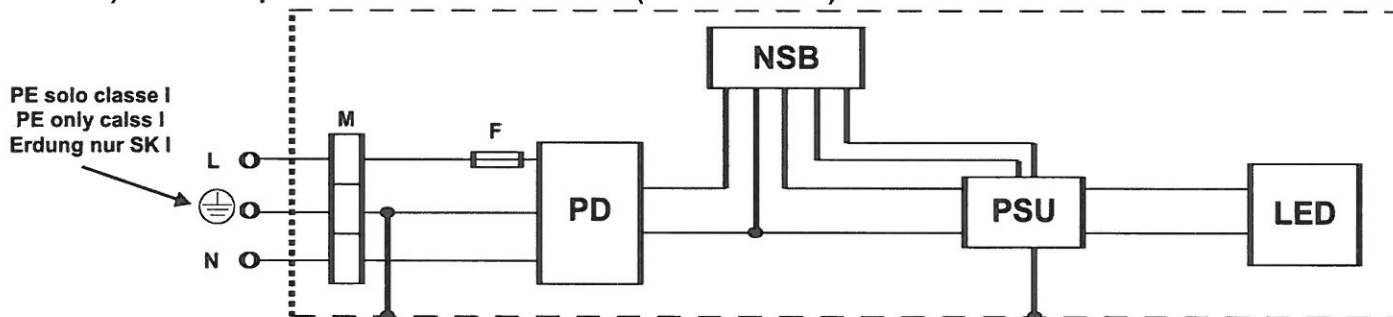
10 Schema elettrico - Electrical scheme - Schaltplan



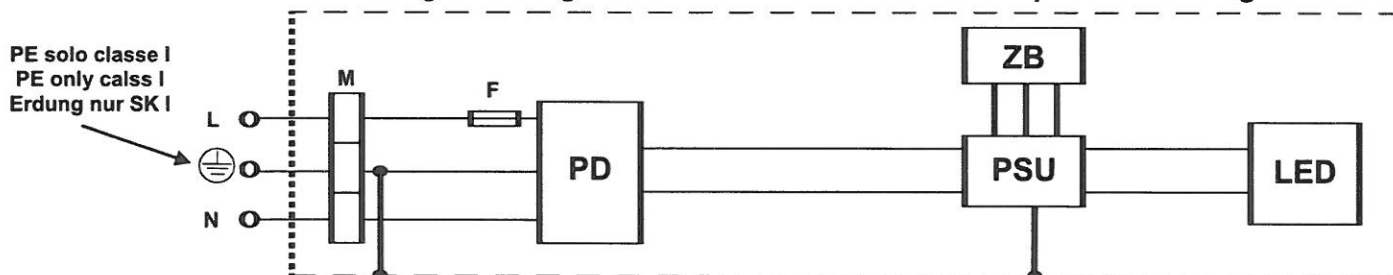
Schema elettrico WL - WL electrical scheme - WL Schaltplan



Schema elettrico nema socket (versione CP) - Nema socket electrical scheme (CP version) - Schaltplan mit Nema Socket (CP version)



Schema elettrico con Zhaga - Zhaga electrical scheme - Schaltplan mit Zhaga



M	Morsettiera	Mains terminal board	Anschlussklemme
F	Fusibile 250Vac 10A	Fuse 250Vac	Sicherung 250Vac 10A
optional	(taglia consigliata)	10A(suggested size)	(optional)
CD	Dispositivo di telecontrollo	Control device	Steuermodul
PD	Circuito di protezione	Protection device	Überspannungsschutz
NSB	Base Nema socket	Nema socket base	Nema Steckdose
ZB	Base Zhaga	Zhaga base	Zhaga Steckdose
PSU	Alimentatore LED	LED power supply	Led-Treiber

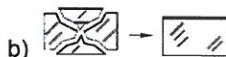
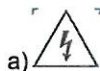


INFORMAZIONI AGLI UTENTI

Smaltimento di vecchie apparecchiature elettriche ed elettroniche (Applicabile nell'Unione Europea e negli altri paesi europei con sistema di raccolta differenziata).

L'applicazione di questo simbolo sui prodotti o sui loro imballaggi indica che questo prodotto non deve essere trattato come un rifiuto domestico. Per ridurre l'impatto ambientale delle apparecchiature elettriche ed elettroniche di rifiuto (WEEE (Waste Electrical and Electronic Equipment)) e per minimizzare il volume dei WEEE che entra nelle discariche, si prega di procedere al riutilizzo e al riciclaggio. Per ulteriori informazioni, mettersi in contatto con il proprio rivenditore locale o con i distributori.

ATTENZIONE



- a) La sorgente luminosa contenuta in questo apparecchio deve essere sostituita solo dal costruttore o dal suo servizio di assistenza o da personale altrettanto qualificato.
- b) Sostituire gli schermi di protezione danneggiati.
- c) Non fissare la sorgente luminosa durante la manutenzione.
- d) Il cavo di alimentazione dell'apparecchio deve essere sostituito solo dal costruttore o dal suo servizio di assistenza o da personale qualificato.
- e) L'apparecchio in classe II deve essere installato in modo che le parti metalliche esposte non siano in contatto elettrico con parti dell'installazione elettrica collegata ad un conduttore di protezione.
- f) Utilizzare solamente dispositivi che hanno un isolamento supplementare tra i morsetti 1-10V/DALI e i morsetti di alimentazione.
- g) L'apparecchio è stato progettato e viene costruito nel rispetto delle normative in vigore; è necessario che l'installazione sia eseguita correttamente secondo le istruzioni.
- h) È altresì necessario conservare queste istruzioni e metterle a disposizione di tutti gli operatori che si occuperanno della normale manutenzione. L'inadempienza di quanto sopra comporta l'automatica decadenza della nostra responsabilità.

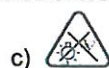
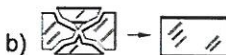


INFORMATION TO THE CUSTOMERS

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection system)

This symbol on the product or in its packaging is based on WEEE Directive (Directive on Waste Electrical and Electronic Equipment), which is a regulation in EU member countries, and this symbol indicates that this product shall not be treated as household waste. To reduce the environmental impact and minimize the volume of landfills, please cooperate in reuse and recycle. For how to dispose of the product, please contact your dealer or the nearest AEC Illuminazione sales office.

ATTENTION



- a) The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- b) Replace any cracked protective shield.
- c) During maintenance, do not stare at the operating light source.
- d) The mains cable of the luminaire has to be replaced only by the manufacturer, his service agent or qualified person.
- e) Class II luminaires must be installed in such a way that it is impossible for any exposed metal part to come in contact with electrical components.
- f) Use only devices with supplementary insulation between 1-10V/DALI terminals and mains terminals.
- g) The device has developed in compliance with the current standards; it is necessary that the installation is done properly, according with the instructions supplied.
- h) The present instruction paper has to be kept for any future maintenance operation on the luminaire. Non-compliance with the above will automatically release AEC Illuminazione Srl from any responsibility.

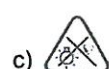
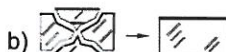
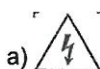


INFORMATIONEN FÜR DIE KUNDEN!

Entsorgen alter elektrischer & elektronischer Geräte (Gültig in der Europäischen Union und in anderen europäischen Ländern mit separaten Sammelsystemen)

Dieses Symbol auf dem Produkt oder auf seiner Verpackung weist darauf hin, dass dieses Produkt nicht als Hausmüll behandelt werden soll. Zur Reduzierung der Umgebungseinflüsse durch WEEE (zu entsorgende elektrische und elektronische Geräte) und zum Minimieren der WEEE-Menge, die auf Deponien kommt, bitte wieder verwenden und recyceln. Weitere Informationen erhalten Sie bei Ihrem Händler vor Ort.

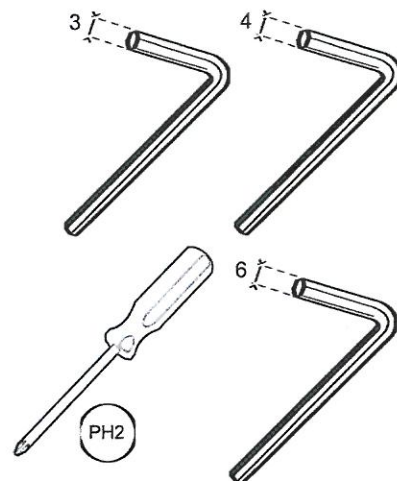
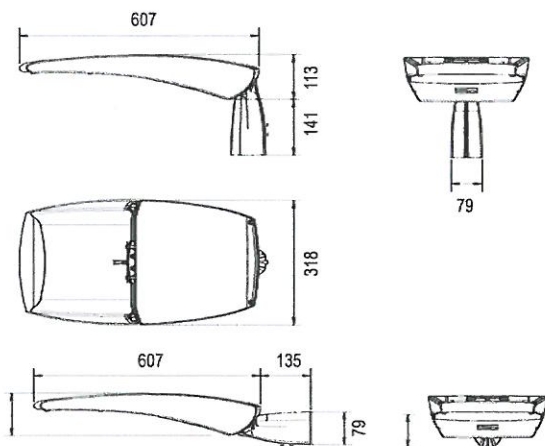
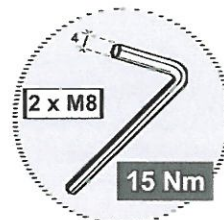
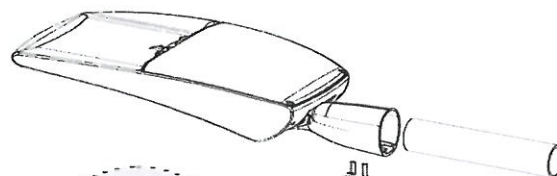
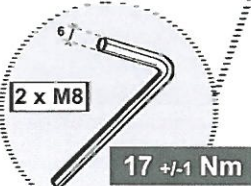
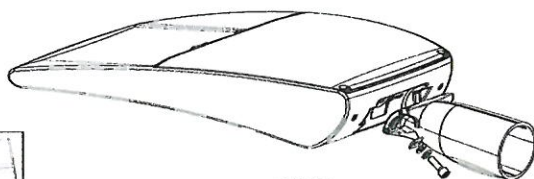
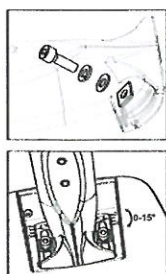
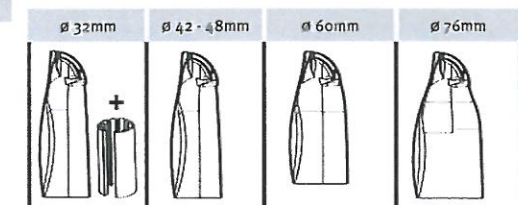
HINWEISE



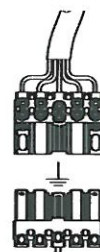
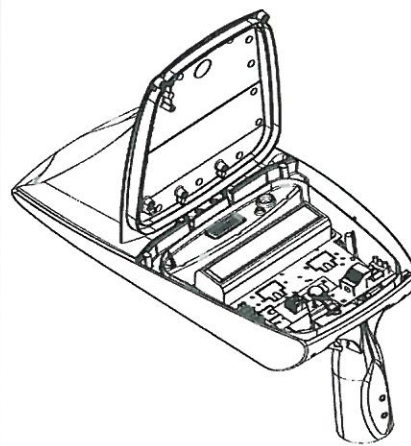
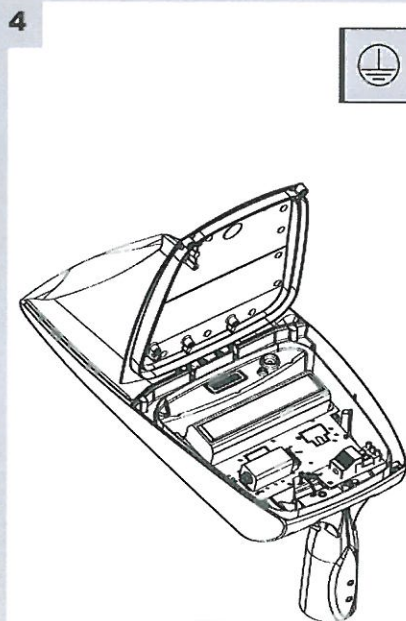
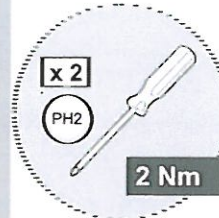
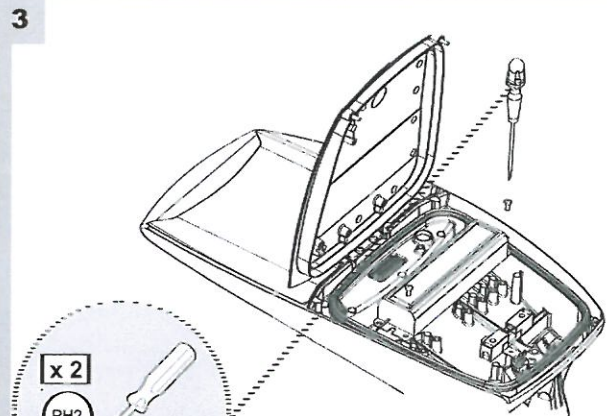
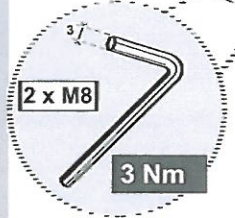
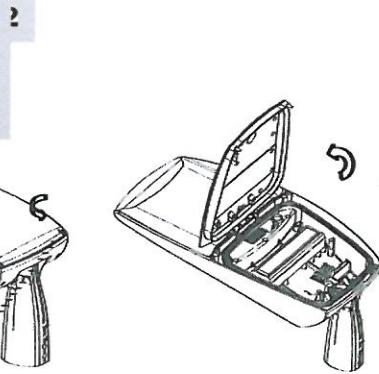
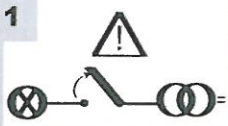
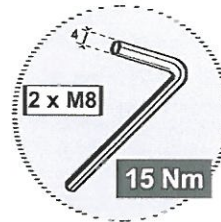
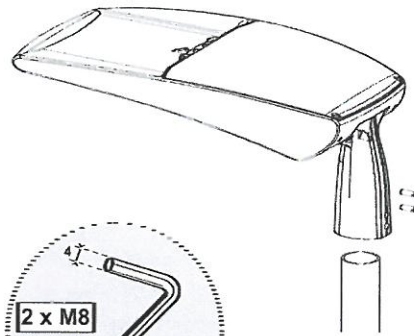
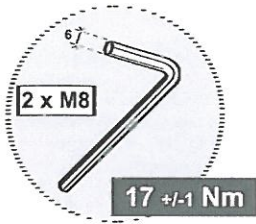
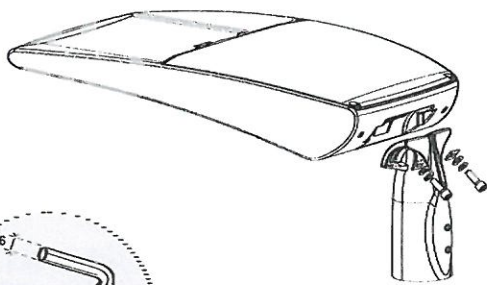
- a) Die Installation der Leuchte darf nur durch Fachpersonal erfolgen. Das Anschlusskabel darf nur durch Fachpersonal ausgetauscht werden.
- b) beschädigte Schutzschirme ersetzen
- c) Schauen Sie während der Wartung nicht auf die Lichtquelle
- d) Das Anschlusskabel darf nur durch Fachpersonal ausgetauscht werden.
- e) Leuchten der Schutzklasse II sind so zu installieren, dass kein ungeschütztes Metallteil mit elektrischen Bauteilen Berührung hat.
- f) Die Verdrahtung zwischen der 1-10V/DALI-Schnittstelle und der Anschlussklemme ist zusätzliche Isolierung.
- g) Die Installation ist sorgfältig und unter Beachtung der Montageanleitung durchzuführen.
- h) Bewahren Sie diese Montageanleitung für künftige Wartungsarbeiten an der Leuchte auf.
- i) Die Nichteinhaltung dieser Anleitung entbindet AEC Illuminazione GmbH von jeglicher Haftung.

**IK****08**

ENG	The light source fitted in this luminaire shall only be replaced by a Schröder employee or agent or a similar qualified person.	UKR	Джерело світла, встановлене в цей світильник, підлягає заміні лише працівником чи агентом компанії Шрідер або аналогічним кваліфікованим фахівцем.	NLD	De lichtbron in dit verlichtingsstoel zal alleen vervangen worden door een medewerker, agent of vergelijkbaar gekwalificeerd persoon van Schröder.	RON	Sursa de lumină încorporată în acest aparat de iluminat va fi înlocuită doar de către un angajat al Schröder, de un agent al companiei sau de o persoană cu calificări similare.
SPA	La fuente de luz instalada en esta luminaria sólo puede ser sustituida por Schröder o un agente cualificado.	ITA	La sorgente luminosa montata in questo apparecchio potrà essere sostituita esclusivamente da un addetto Schröder o da una persona parimenti qualificata.	DEU	Die eingebaute Lichtquelle in der Leuchte sollte nur von einem Schröder Mitarbeiter oder Vertreter oder einer ähnlichen qualifizierten Person ersetzt werden.	HUN	A lámpatestbe szerelt fényforrás (LED-modul) cseréjét csak a gyártó, annak szerviz szolgálata, vagy erre kiképzett szakember végezheti!
FRA	La source de lumière intégrée dans ce luminaire peut uniquement être remplacée par un employé de Schröder, un agent ou une autre personne qualifiée.	POL	Źródło światła zamontowane w tej oprawie może być tylko wymienione przez pracownika Schröder lub przez inną wykwalifikowaną osobę.	POR	A fonte de luz montada nesta luminária só pode ser substituída por um funcionário ou agente da Schröder ou por profissional qualificado autorizado para o efeito.	SRP	Zamenu svetlosnog izvora ugrađenog u ovu svetiljku će izvršiti samo Schröder-ov radnik, ovlašćeni predstavnik ili slična stručna osoba.
CHI	该灯具内的光源仅可由施莱德员工、指定代理商或具备类似资质的人员进行更换。	VIE	Nguồn sáng được trang bị bên trong bộ đèn này chỉ được thay thế bởi nhân viên Schröder hoặc đại lý hoặc người có trình độ tương đương.	RUS	Источник света, установленный в этом светильнике, должен заменяться только сотрудником Schröder, или специалистом аналогичной квалификации.	SLK	Výmena svetelného zdroja (LED modulu) je možná len výrobcom, resp. len nim vyškolenými odborníkmi!

**A**

B



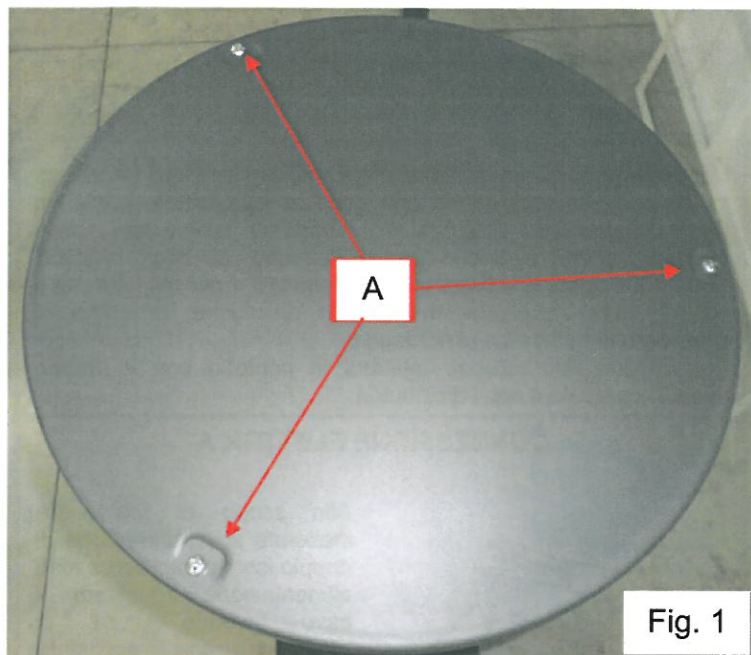


Fig. 1

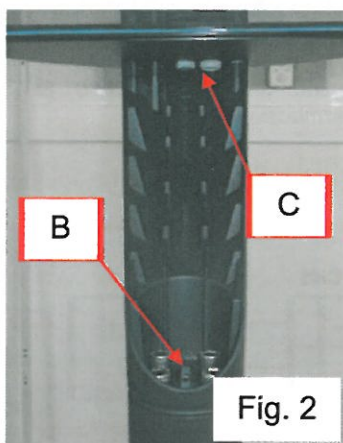


Fig. 2

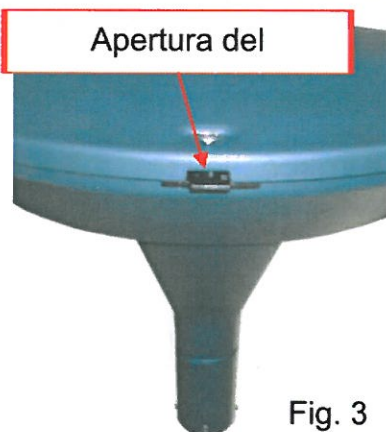


Fig. 3

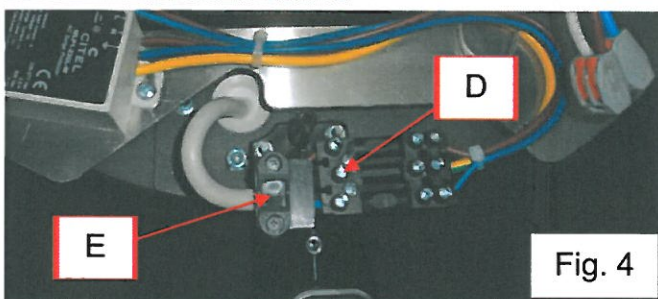


Fig. 4

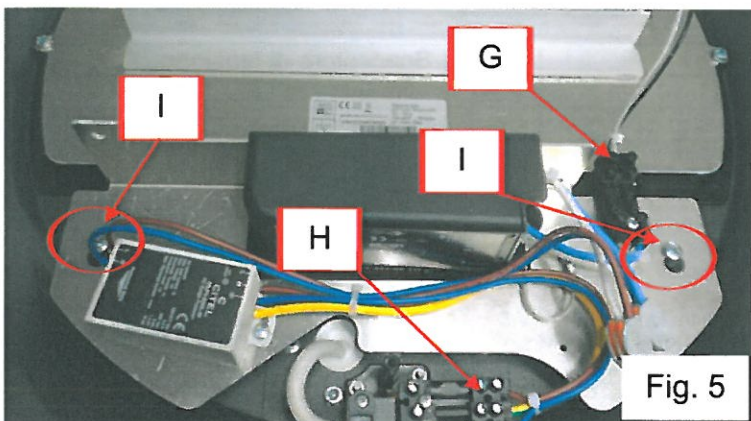



Fig. 5

MONTAGGIO E MANUTENZIONE

Aprire il coperchio dell'apparecchio svitando le 3 viti (A – Fig. 1).

Passare il cavo di alimentazione attraverso il foro del testa-palo (B – Fig. 2) e poi attraverso la membrana plastica (C – Fig. 2) perforandola direttamente con il cavo. Collegare il cavo di alimentazione al connettore in ingresso (D – Fig. 4).

Classe I: in classe I utilizzare un cavo a 3 poli (Linea – Neutro – Terra). Collegare il cavo giallo-verde al morsetto .

Classe II: in classe II utilizzare un cavo a 2 poli (Linea – Neutro).

In entrambi i casi il cavo di alimentazione deve essere conforme all'installazione in apparecchi in doppio isolamento.

Il cavo di alimentazione deve avere un diametro nominale compreso tra 7mm e 13mm con una sezione massima dei conduttori di 2.5mm².

Bloccare in posizione il cavo di alimentazione stringendolo al fermacavo in ingresso (F – Fig. 4).

In caso l'apparecchio sia equipaggiato con dispositivo PLM, annotarsi il serial number dell'apparecchio.

Orientare correttamente l'apparecchio (vedere Fig. 6) e fissarlo con i 4 grani del testa-palo. Per stringere i grani utilizzare una chiave a brugola di 4mm applicando un momento torcente di 8Nm.

In caso di necessità, è possibile estrarre la piastra cablaggio scollegando prima il connettore di alimentazione (H – Fig. 5), poi il connettore LED (G – Fig. 5) e infine allentando le 2 viti (I – Fig. 5) che bloccano la piastra al telaio. Una volta effettuate le dovute operazioni, è sufficiente riporre la piastra cablaggio nella sua posizione originaria, fissarla avvitando le 2 viti (I) e ricollegare prima il connettore LED (G) e poi il connettore di alimentazione (H).

Per richiudere l'apparecchio, posizionare correttamente il coperchio superiore, come indicato in Fig. 3.

Fissarlo avvitando le 3 viti (A – Fig. 1) fino a battuta.

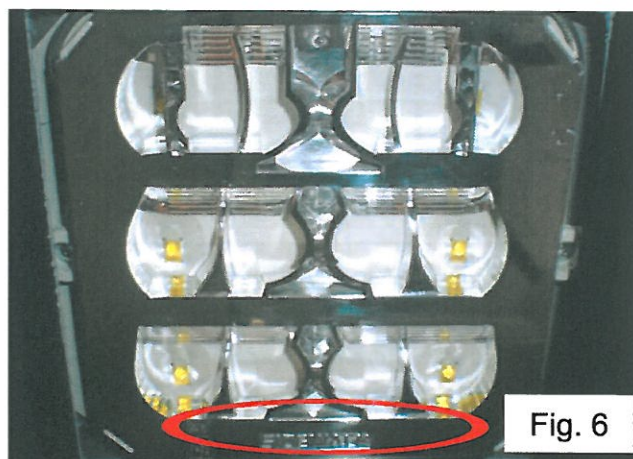


Fig. 6

La scritta SIDEWALK deve risultare allineata con il LATO MARCIAPIEDE

L'apparecchio SOLED è classificato come "EXEMPT GROUP" secondo la norma

IEC/EN 62471 sulla sicurezza fotobiologica.

NESSUN RISCHIO

per gli operatori e gli utilizzatori finali.



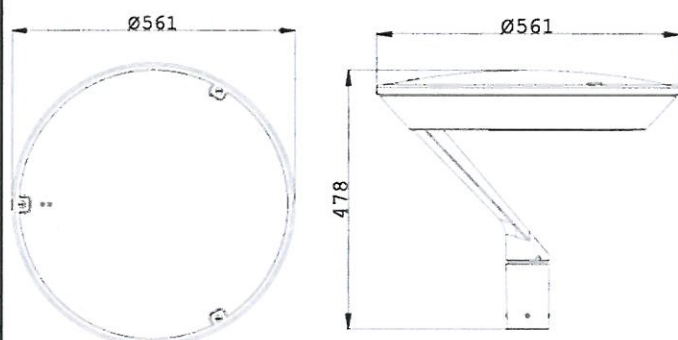
Area esposta al vento

Area laterale 0.07 m²

Area di base 0.25 m²

Fattore di forma: 1.2

Altezza massima di installazione: 8m



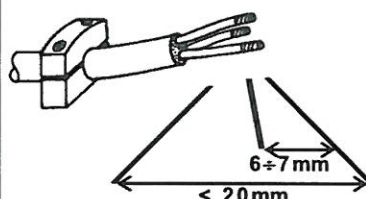
INFORMAZIONI AGLI UTENTI

Smaltimento di vecchie apparecchiature elettriche ed elettroniche (Applicabile nell'Unione Europea e negli altri paesi europei con sistema di raccolta differenziata).

L'applicazione di questo simbolo sui prodotti o sui loro imballaggi indica che questo prodotto non deve essere trattato come un rifiuto domestico. Per ridurre l'impatto ambientale delle apparecchiature elettriche ed elettroniche di rifiuto (WEEE (Waste Electrical and Electronic Equipment)) e per minimizzare il volume dei WEEE che entra nelle discariche, si prega di procedere al riutilizzo e al riciclaggio.

Per ulteriori informazioni, mettersi in contatto con il proprio rivenditore locale o con i distributori.

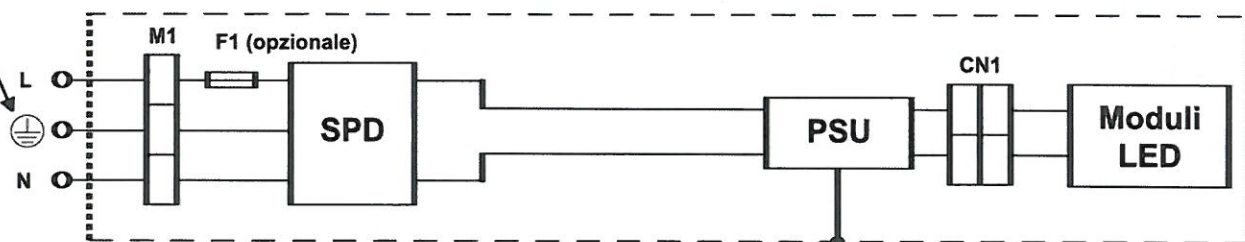
CONNESSIONE ELETTRICA



Allo scopo di mantenere inalterate le caratteristiche di doppio isolamento del cavo di alimentazione sguainare il cavo avendo cura di effettuare una spellatura totale inferiore a 20 mm, ed una spellatura dei cavi interni compresa tra i 6 e i 7 mm. Infine stringere il cavo al fermacavo.

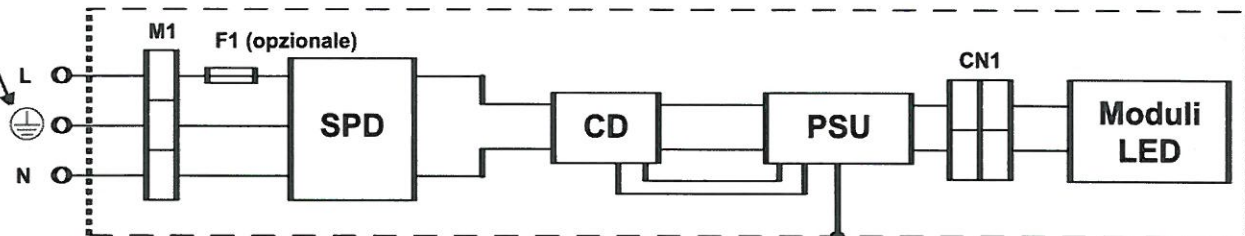
Terra di protezione (solo in classe I)

SCHEMA ELETTRICO



Terra di protezione (solo in classe I)

SCHEMA ELETTRICO CON PLM



F Fusibile 250Vac 10A (taglia suggerita)

CN Connettore

M Morsetto

SPD Scaricatore di tensione

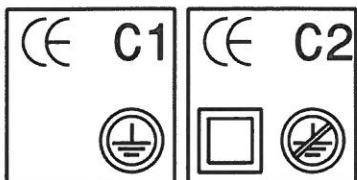
PSU Alimentatore LED

CD Dispositivo di controllo

ATTENZIONE



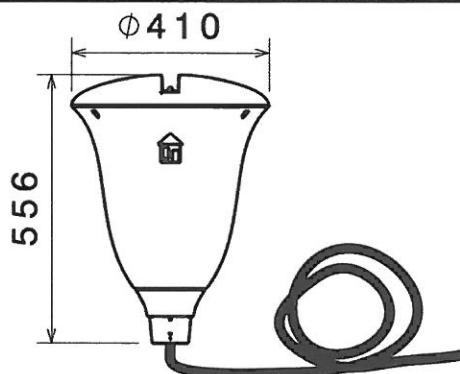
- Sostituire gli schermi di protezione danneggiati.
- Non fissare la sorgente luminosa durante la manutenzione.
- L'apparecchio in classe II deve essere installato in modo che le parti metalliche esposte non siano in contatto elettrico con parti dell'installazione elettrica collegata ad un conduttore di protezione.
- Utilizzare solamente dispositivi che hanno un isolamento supplementare tra i morsetti 1-10V/DALI e i morsetti di alimentazione.
- L'apparecchio è stato progettato e viene costruito nel rispetto delle normative in vigore; è necessario che l'installazione sia eseguita correttamente secondo le istruzioni.
- È altresì necessario conservare queste istruzioni e metterle a disposizione di tutti gli operatori che si occuperanno della normale manutenzione. L'inadempienza di quanto sopra comporta l'automatica decadenza della nostra responsabilità.



Cxs = 0.08 m²

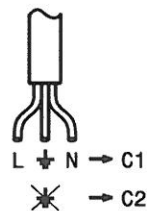


Dimensions
Wymiary

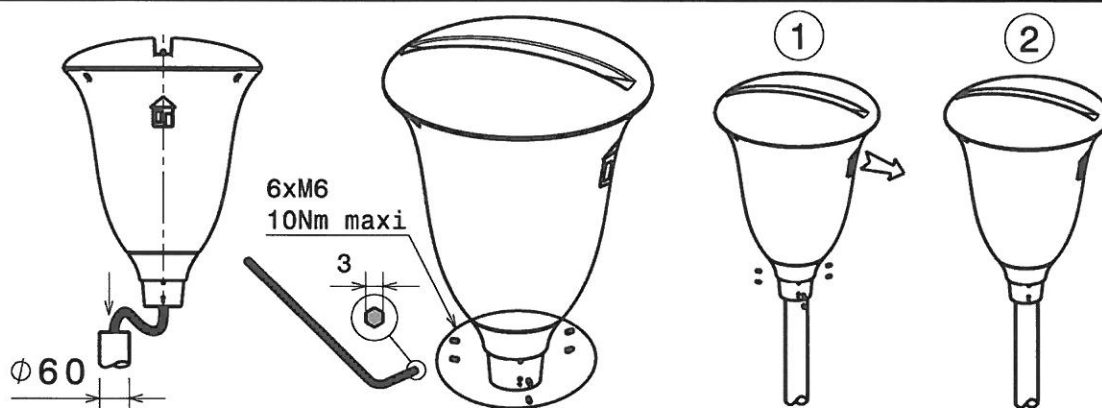


Weight
Waga

5kg



Fixing
Montaż



Servicing
Serwis

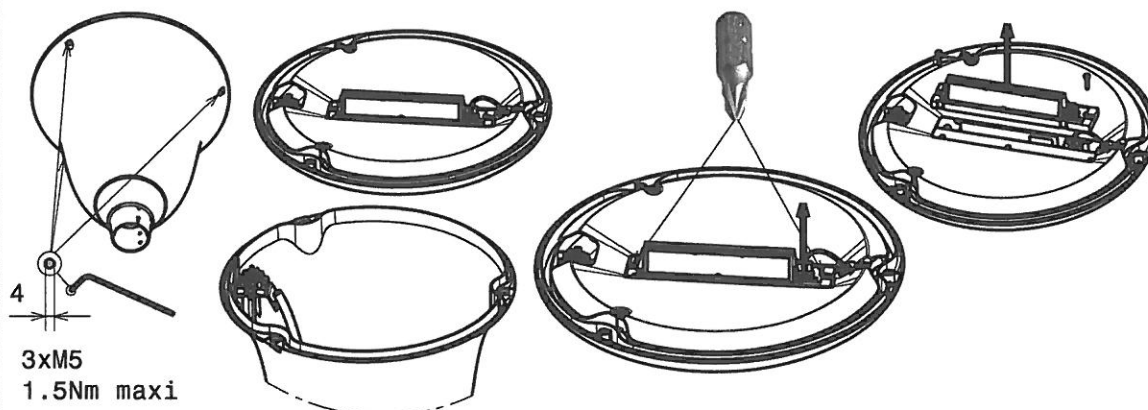




Fig. 1



Fig. 2



Fig. 4

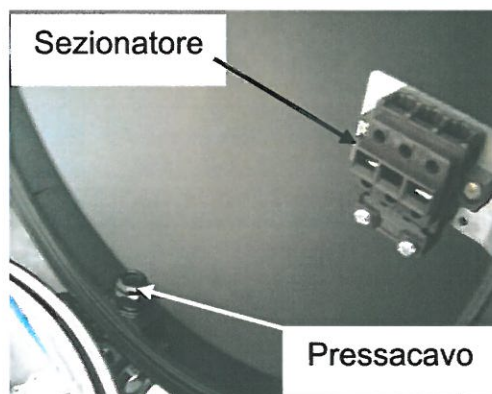


Fig. 3

Altezza di installazione suggerita		
Potenza [W]	H min [m]	H max [m]
70	4	7
100	5	8
150	6	10
250	7	12



MONTAGGIO E MANUTENZIONE

Il sistema di attacco, a palo/braccio o a muro, permette di installare l'apparecchio parallelamente alla strada. Per i dettagli di fissaggio vedere le istruzioni di montaggio del braccio, del sistema di attacco a braccio e a muro.

Per accedere alle parti elettriche, è necessario svitare la vite 8MA x 50 (A) [Fig. 1] posta sull'anello inferiore dell'apparecchio utilizzando una chiave a brucola di 5mm. Il telaio inferiore si aprirà [Fig. 2].

Per connettere l'apparecchio alla linea elettrica, inserire il cavo attraverso il pressacavo montato sulla parte superiore, fissarlo al sezionatore, e poi stringere il pressacavo [Fig. 3] con una chiave inglese da 25mm applicando un momento torcente di 5Nm.

L'apparecchio deve essere alimentato con un cavo bipolare con il diametro nominale compreso tra 7 e 13 mm.

Per cambiare la lampada è sufficiente sbloccare la vite (B) [Fig. 4] e alzare il riflettore.

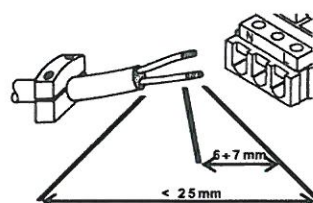
Il riflettore è predisposto per l'illuminazione di strade di larghezza diversa, senza la necessità di inclinazione dell'apparecchio.

Il riflettore possiede un sistema di regolazione orizzontale del fuoco lampada in 3 punti, grazie al quale è possibile conformare il solido fotometrico alla larghezza della strada da illuminare (C) [Fig. 2 - 5].

Per richiudere l'apparecchio è sufficiente avvitare la vite 8MA x 50 (A) [Fig. 1]. Stringere la vite con una chiave a brucola di 5 mm applicando un momento torcente di 8Nm.

ISTRUZIONI DI ALLACCIAMENTO ALLA LINEA ELETTRICA

Allo scopo di mantenere inalterate le caratteristiche di doppio isolamento del cavo di alimentazione, sguainare il cavo avendo cura di effettuare una spellatura totale inferiore a 25 mm, ed una spellatura dei cavi interni compresa tra i 6 e i 7 mm. Fissare il cavo di linea al relativo fermacavo.



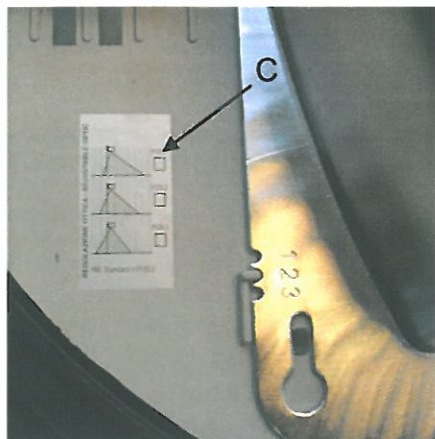


Fig. 5



INFORMAZIONI AGLI UTENTI




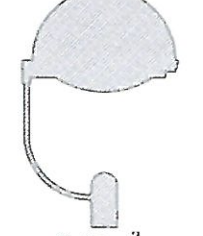
Smaltimento di vecchie apparecchiature elettriche ed elettroniche
(Applicabile nell'Unione Europea e negli altri paesi europei con sistema di raccolta differenziata).

L'applicazione di questo simbolo sui prodotti o sui loro imballaggi indica che questo prodotto non deve essere trattato come un rifiuto domestico. Per ridurre l'impatto ambientale delle apparecchiature elettriche ed elettroniche di rifiuto (WEEE (Waste Electrical and Electronic Equipment)) e per minimizzare il volume dei WEEE che entra nelle discariche, si prega di procedere al riutilizzo e al riciclaggio.

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Tipi di Lampada

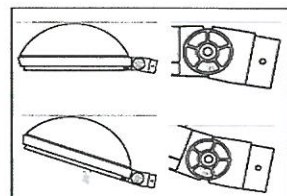
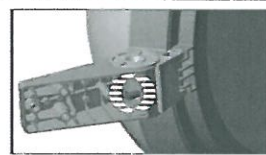
ECOLO		ECOLO 1 ST LIGNANO ST	ECOLO 1 OC	ECOLO 1 OP
SHP	70W	E-T	E-T	
	100W	E-T	E-T	
	150W	E-T	E-T	TS
	250W	E-T		TS
MHL	70W	E-T	E-T	
	100W	E-T	E-T	
	150W	E-T	E-T	TS
	250W	E-T		TS
MBF	80W	E	E	
	125W	E	E	

	Base	Laterale
ECOLO 1	 0.26 m ²	 0.16 m ²
LIGNANO	 0.21 m ²	 0.17 m ²
Fattore di Forma: 1,2		

GRANO PER INCLINAZIONE APPARECCHIO

Leggi regionali, in materia di inquinamento luminoso, per le quali l'apparecchio deve essere installato in posizione 0° (vetro piano parallelo al terreno):

- Abruzzo
- Marche
- Emilia Romagna
- Puglia
- Lombardia
- Umbria

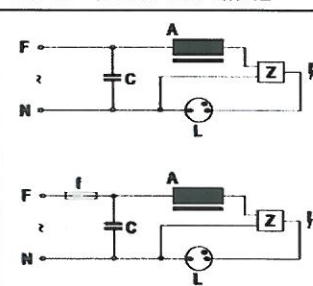
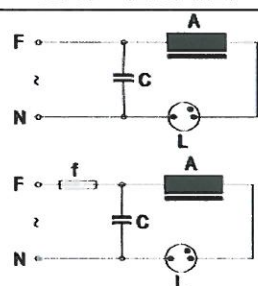


Inclinazione possibile: 0 ÷ 90°

SCHEMA DI CABLAGGIO

80 W + 125W MBF

70 W + 250W SHP/MHL



A – Alimentatore

L – Lampada

f – Fusibile

C – Condensatore

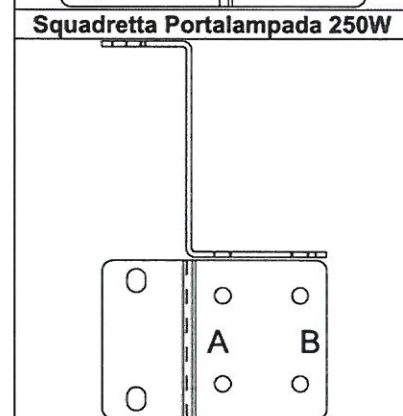
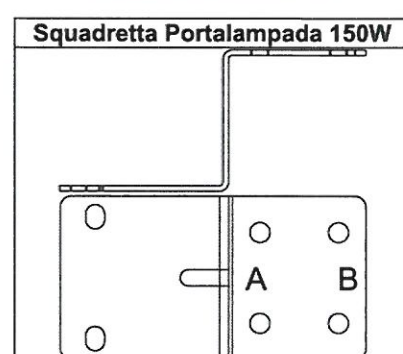
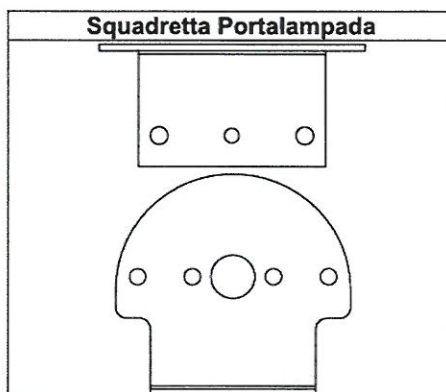
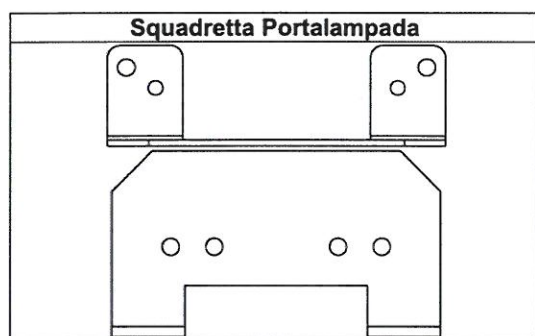
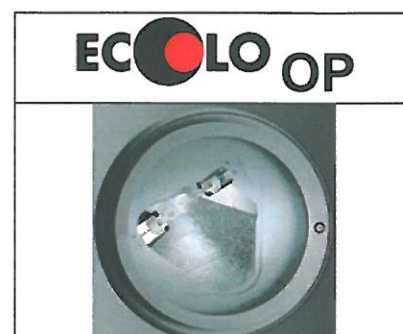
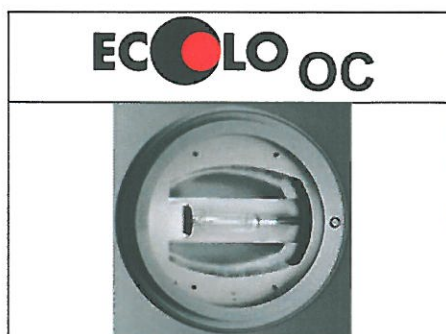
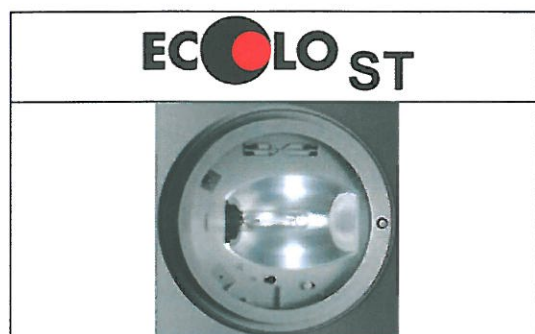
Z – Accenditore

NOTE

- L'apparecchio in classe II deve essere installato in modo che le parti metalliche esposte non siano in contatto elettrico con parti dell'installazione elettrica collegata ad un conduttore di protezione.
- L'apparecchio di illuminazione dotato di lampada a vapori di Alogenuri (Ioduri Metallici) deve essere usato solo se completo del suo schermo di protezione.
- Per gli apparecchi dotati di lampade a vapori di Alogenuri (Ioduri Metallici) si devono sostituire gli schermi di protezione danneggiati solo con altri originali forniti dal costruttore.
- Per gli apparecchi dotati di lampade a vapori di Alogenuri (Ioduri Metallici) si devono adoperare esclusivamente lampade dotate di filtro UV.
- L'apparecchio è stato progettato e viene costruito nel rispetto delle normative in vigore; è necessario che l'installazione sia eseguita correttamente secondo le istruzioni.

È altresì necessario conservare queste istruzioni e metterle a disposizione di tutti gli operatori che si occuperanno della normale manutenzione. L'inadempienza di quanto sopra comporta l'automatica decadenza della nostra responsabilità.

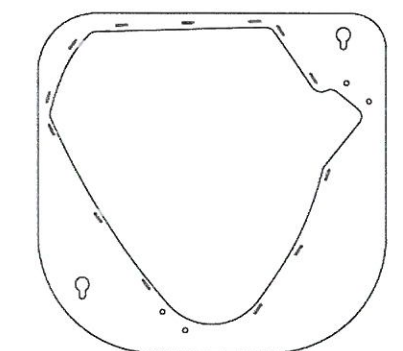
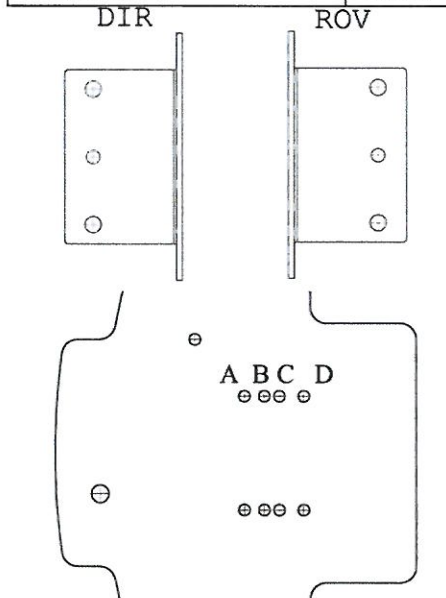
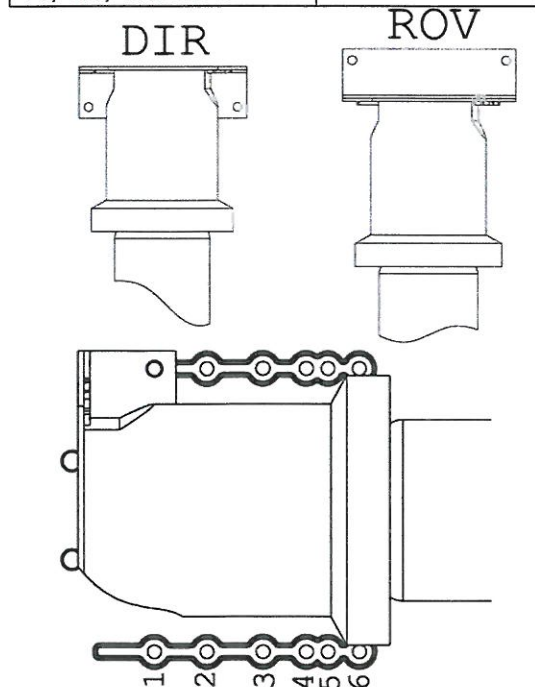




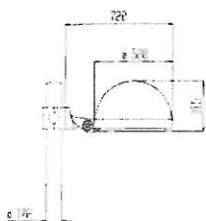
Pos. Lampada ECOLO 1 Ottica ST	
250SHP-T	POS 3 DIR
250SHP-E, MHL-E, MBF	
150SHP-E, 250E MHL-T	
100W, 150SHP-T	POS 4 DIR
100SHP-E	POS 5 DIR
125MBF	POS 4 ROV
70SHP-T	POS 5 ROV
80MBF, 70SHP-E	POS 6 ROV
70, 100, 150MHL-E	

Pos. Lampada ECOLO 1 Ottica OC	
125W MBF	B Dir
70W SHP-T con acc.	C Dir
150, 100, 70W MHL-E	D Dir
80W MBF	
70W SHP-E senza acc.	
E/27 Vuoto	A Rov
150W SHP-E	
150W SHP-T, 100W SHP-T	
E/40 Vuoto	C Rov
100W SHP-E	D Rov

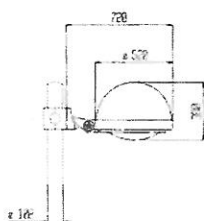
Pos. Lampada ECOLO 1 Ottica OP	
150W MHL-TS, SHP-TS	A
250W SHP-TS	A
250W MHL-TS	B










ECOLO 1

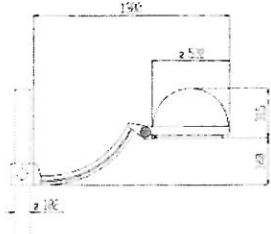


ECOLO 1 PL

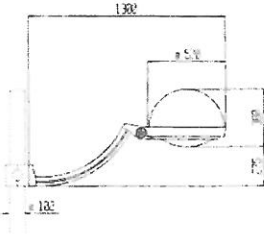









Modello	Tipi di Lampade							Peso [gr]	
									
	MBF	SHP E	SHP T	MHL E	MHL T	SHP TS	MHL TS	Vuoto	Cabl. Rif.
Ecolo 1	80 W	70 W	70 W	70 W	70 W	-	-	8.500	9.500
	125 W	100 W	100 W	100 W	100 W	-	-		9.500
	-	150 W	150 W	150 W	150 W	150 W	150 W		10.000
	-	250 W	250 W	250 W	250 W	250 W	250 W		11.000
Ecolo 1 PL	80 W	70 W	70 W	70 W	70 W	-	-	8.000	9.000
	125 W	100 W	100 W	100 W	100 W	-	-		9.000
	-	150 W	150 W	150 W	150 W	150 W	150 W		9.500
	-	250 W	250 W	250 W	250 W	250 W	250 W		10.500

ECOLO 1 BR

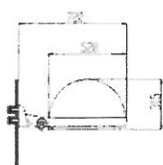


ECOLO 1 BR PL

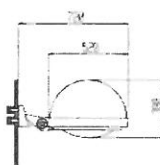









Modello	Tipi di Lampade							Peso [gr]	
									
	MBF	SHP E	SHP T	MHL E	MHL T	SHP TS	MHL TS	Vuoto	Cabl. Rif.
Ecolo 1 BR	80 W	70 W	70 W	70 W	70 W	-	-	11.000	12.000
	125 W	100 W	100 W	100 W	100 W	-	-		12.000
	-	150 W	150 W	150 W	150 W	150 W	150 W		12.500
	-	250 W	250 W	250 W	250 W	250 W	250 W		13.500
Ecolo 1 PL BR	80 W	70 W	70 W	70 W	70 W	-	-	10.500	11.500
	125 W	100 W	100 W	100 W	100 W	-	-		11.500
	-	150 W	150 W	150 W	150 W	150 W	150 W		12.000
	-	250 W	250 W	250 W	250 W	250 W	250 W		13.000

ECOLO 1 M

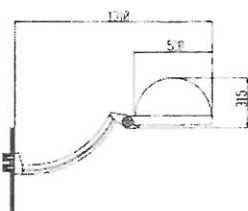


ECOLO 1 M PL

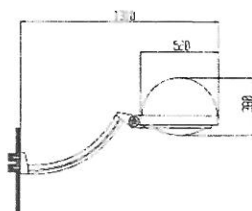



Modello	Tipi di Lampade							Peso [gr]	
									
	MBF	SHP E	SHP T	MHL E	MHL T	SHP TS	MHL TS	Vuoto	Cabl. Rif.
Ecolo 1 M	80 W	70 W	70 W	70 W	70 W	-	-	9.500	10.500
	125 W	100 W	100 W	100 W	100 W	-	-		10.500
	-	150 W	150 W	150 W	150 W	150 W	150 W		11.000
	-	250 W	250 W	250 W	250 W	250 W	250 W		12.000
Ecolo 1 PL M	80 W	70 W	70 W	70 W	70 W	-	-	9.000	10.000
	125 W	100 W	100 W	100 W	100 W	-	-		10.000
	-	150 W	150 W	150 W	150 W	150 W	150 W		10.500
	-	250 W	250 W	250 W	250 W	250 W	250 W		11.500

ECOLO 1 M BR

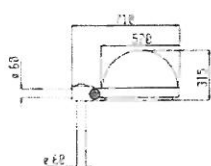


ECOLO 1 M BR PL

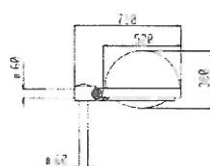









Modello	Tipi di Lampade							Peso [gr]	
									
	MBF	SHP E	SHP T	MHL E	MHL T	SHP TS	MHL TS	Vuoto	Cabl. Rif.
Ecolo 1 M BR	80 W	70 W	70 W	70 W	70 W	-	-	12.000	13.000
	125 W	100 W	100 W	100 W	100 W	-	-		13.000
	-	150 W	150 W	150 W	150 W	150 W	150 W		13.500
	-	250 W	250 W	250 W	250 W	250 W	250 W		14.500
Ecolo 1 PL M BR	80 W	70 W	70 W	70 W	70 W	-	-	11.500	12.500
	125 W	100 W	100 W	100 W	100 W	-	-		12.500
	-	150 W	150 W	150 W	150 W	150 W	150 W		13.000
	-	250 W	250 W	250 W	250 W	250 W	250 W		14.000

ECOLO 1 TB

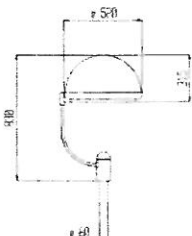


ECOLO 1 TB PL

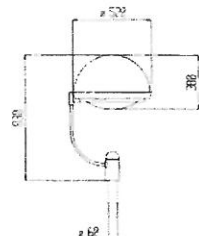


Modello	Tipi di Lampade							Peso [gr]	
									
	MBF	SHP E	SHP T	MHL E	MHL T	SHP TS	MHL TS	Vuoto	Cabl. Rif.
Ecolo 1 TB	80 W	70 W	70 W	70 W	70 W	-	-	8.500	9.500
	125 W	100 W	100 W	100 W	100 W	-	-		9.500
	-	150 W	150 W	150 W	150 W	150 W	150 W		10.000
	-	250 W	250 W	250 W	250 W	250 W	250 W		11.000
Ecolo 1 PL TB	80 W	70 W	70 W	70 W	70 W	-	-	8.000	9.000
	125 W	100 W	100 W	100 W	100 W	-	-		9.000
	-	150 W	150 W	150 W	150 W	150 W	150 W		9.500
	-	250 W	250 W	250 W	250 W	250 W	250 W		10.500

LIGNANO 1



LIGNANO 1 PL



Modello	Tipi di Lampade					Peso [gr]	
						Vuoto	Cabl. Rif.
Lignano 1	80 W	70 W	70 W	70 W	70 W	10.000	11.000
	125 W	100 W	100 W	100 W	100 W		11.000
	-	150 W	150 W	150 W	150 W		11.500
	-	250 W	250 W	250 W	250 W		12.500
Lignano 1 PL	80 W	70 W	70 W	70 W	-	9.500	10.500
	125 W	100 W	100 W	100 W	-		10.500
	-	150 W	150 W	150 W	-		11.000
	-	250 W	250 W	250 W	250 W		12.000



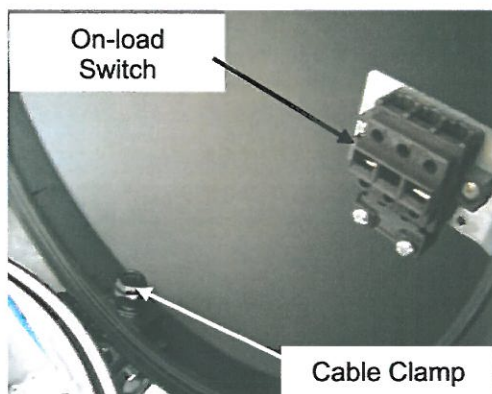
Pic. 1



Pic. 2



Pic. 4



Pic. 3

MOUNTING AND MAINTENANCE

The connection system, on pole/bracket or wall mounting, allows to install the luminaire parallel to the ground. See the mounting instruction of bracket for details of mounting.

To gain access to the electrical part unlock the 8MA x 50 screw (A) [Pic. 1] placed on the lower ring, using a set screw wrench of 5mm. The lower ring will open [Pic. 2].

To connect the luminaire to the electrical line insert the cable through the cable clamp mounted on the upper dome, connect it to the on-load switch and then tighten the cable clamp [Pic. 3] with an adjustable wrench of 25mm applying a twisting moment of 5Nm.

The feeding of the fitting must be done with a bipolar cable with nominal diameter between 7 and 13mm.

To change the lamp unlock the screw (B) [Pic. 4] and lift the reflector.

The reflector has been projected to function without incline the fitting. The reflector can be placed in 3 different positions in order to adapt the photometrical solid to the road width (C) [Pic. 2 - 5].

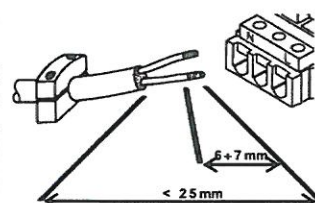
To close the luminaire tighten the 8MA x 50 screw (A) [Pic. 1]. Tighten the screw with a set screw wrench of 5mm applying a twisting moment of 8Nm.

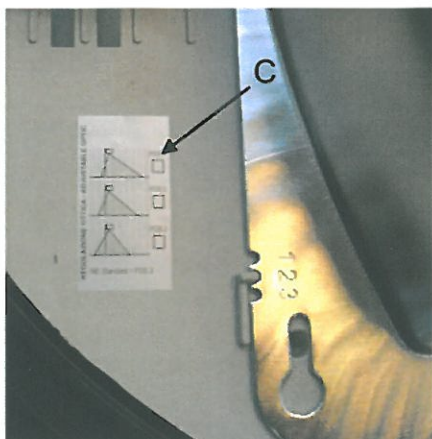
Suggested height of installation		
Power [W]	H min [m]	H max [m]
70	4	7
100	5	8
150	6	10
250	7	12



ELECTRICAL LINE CONNECTION

In order to insure double insulation characteristic of the feeder cable, we would advise that you first secure the feeder cable to the internal cable clamp, remove approximately 25mm of external sheathing, and 6mm of sheathing from the internal wires.





Pic. 5



INFORMATION TO THE CUSTOMERS

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection system)

This symbol on the product or in its packaging is based on WEEE Directive (Directive on Waste Electrical and Electronic Equipment), which is a regulation in EU member countries, and this symbol indicates that this product shall not be treated as household waste.

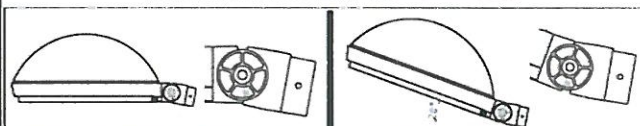
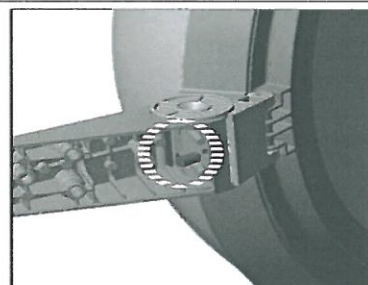
To reduce the environmental impact and minimize the volume of landfills, please cooperate in reuse and recycle.

For how to dispose of the product, please contact your dealer or the nearest AEC Illuminazione sales office.

Lamp type

	ECOLO	ECOLO 1 ST LIGNANO ST	ECOLO 1 OC	ECOLO 1 OP
SHP	70W	E-T	E-T	
	100W	E-T	E-T	
	150W	E-T	E-T	TS
	250W	E-T		TS
MHL	70W	E-T	E-T	
	100W	E-T	E-T	
	150W	E-T	E-T	TS
	250W	E-T		TS
MBF	80W	E	E	
	125W	E	E	

GRUB SCREW FOR LUMINAIRE INCLINATION



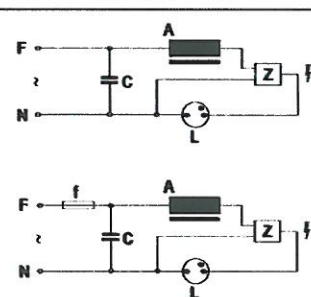
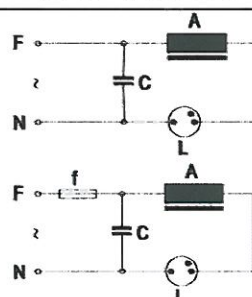
Possible inclination: 0 ÷ 20°

	Base	Side
ECOLO 1	 0.26 m ²	 0.16 m ²
LIGNANO	 0.21 m ²	 0.17 m ²
Form Factor: 1,2		

WIRING SCHEME

80 W ÷ 125W MBF

70 W ÷ 250W SHP/MHL



A – Ballast

L – Lamp

f – Fuse

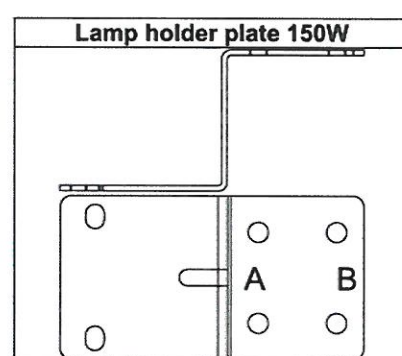
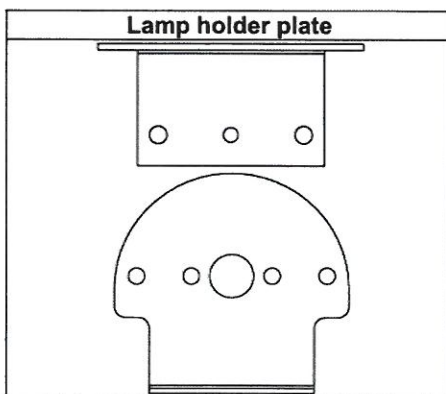
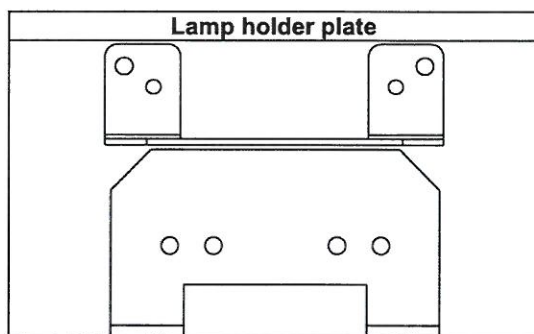
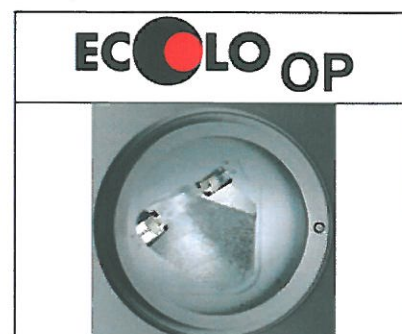
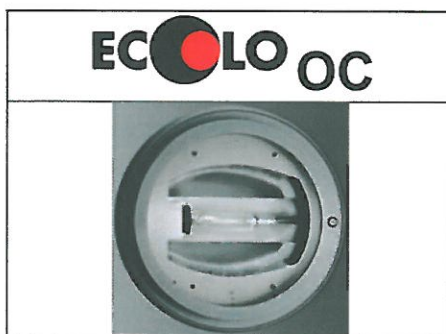
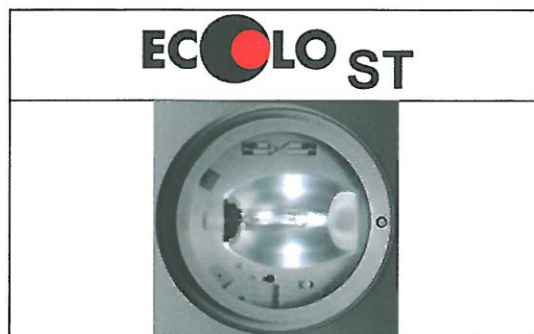
C – Capacitor

Z – Ignitor

ATTENTION

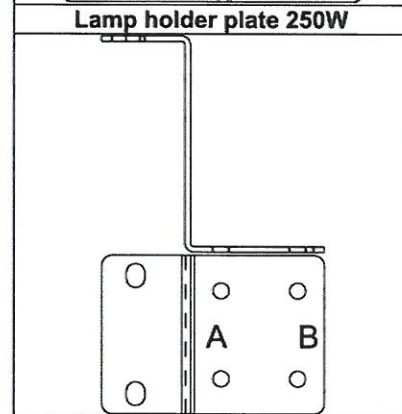
- Class II luminaires must be installed in such a way that it is impossible for any exposed metal part to come in contact with electrical components.
- Luminaires for Metal Halide lamps must be always complete with its protective screen.
- For luminaires with Metal Halide lamps, damaged protective shields can only be replaced with original AEC Illuminazione's replacement shields.
- On luminaires for Metal Halide lamps use only UV Stop protected lamps.
- This luminaire has been designed and manufactured following all relevant standards. The installation must be done by experienced personnel and following the instructions.
- The present instruction paper has to be kept for any future maintenance operation on the luminaire.
- Non compliance with the above will automatically release AEC Illuminazione Srl from any responsibility.



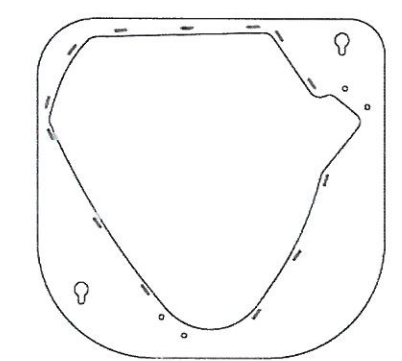
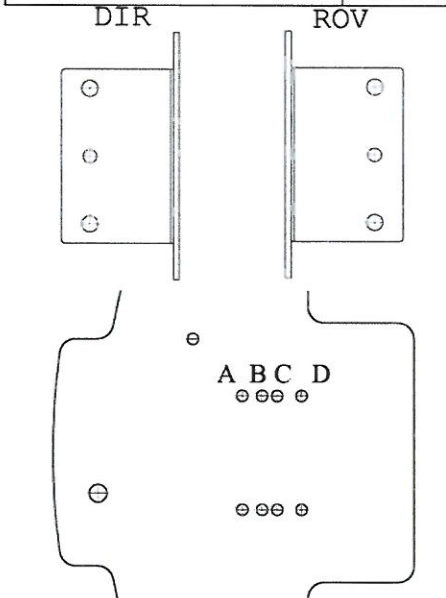
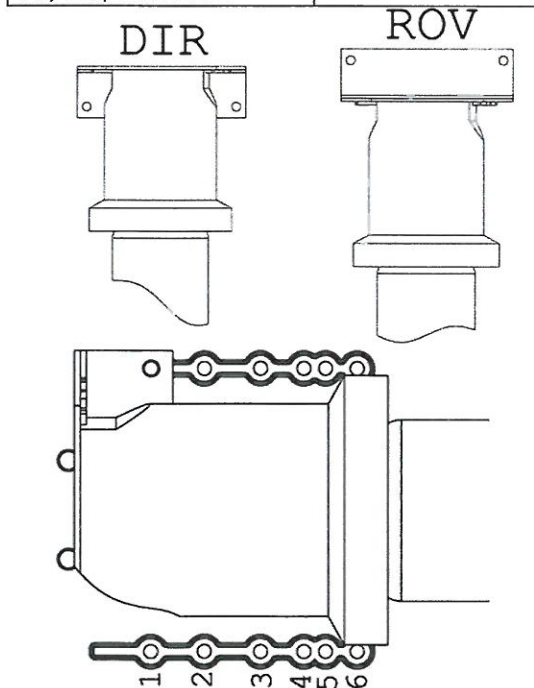


Lamp position ECOLO 1 ST Optic	
250SHP-T	POS 3 DIR
250SHP-E, MHL-E, MBF	
150SHP-E, 250E MHL-T	
100W, 150SHP-T	POS 4 DIR
100SHP-E	POS 5 DIR
125MBF	POS 4 ROV
70SHP-T	POS 5 ROV
80MBF, 70SHP-E	POS 6 ROV
70, 100, 150MHL-E	

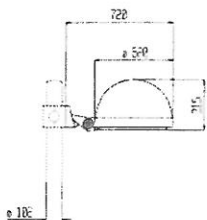
Lamp position ECOLO 1 OC Optic	
125W MBF	B Dir
70W SHP-T with ignitor	C Dir
150, 100, 70W MHL-E	D Dir
80W MBF	
70W SHP-E without ignitor	
E/27 Empty	
150W SHP-E	A Rov
150W SHP-T, 100W SHP-T	C Rov
E/40 Empty	D Rov
100W SHP-E	



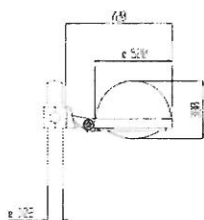
Lamp position ECOLO 1 OP Optic	
150W MHL-TS, SHP-TS	A
250W SHP-TS	A
250W MHL-TS	B



ECOLO 1

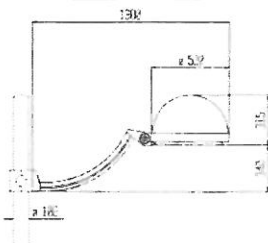


ECOLO 1 PL

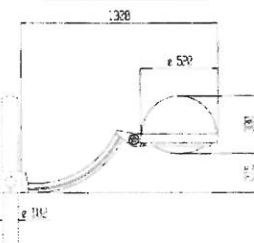


Model	Lamp type						Weight [gr]	
							Empty	With C.G.
Ecolo 1	80 W	70 W	70 W	70 W	70 W	-	8.500	9.500
	125 W	100 W	100 W	100 W	100 W	-		9.500
	-	150 W	150 W	150 W	150 W	150 W		10.000
	-	250 W	250 W	250 W	250 W	250 W		11.000
Ecolo 1 PL	80 W	70 W	70 W	70 W	70 W	-	8.000	9.000
	125 W	100 W	100 W	100 W	100 W	-		9.000
	-	150 W	150 W	150 W	150 W	150 W		9.500
	-	250 W	250 W	250 W	250 W	250 W		10.500

ECOLO 1 BR

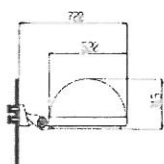


ECOLO 1 BR PL

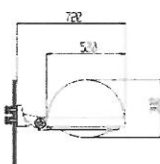


Model	Lamp type						Weight [gr]	
							Empty	With C.G.
Ecolo 1 BR	80 W	70 W	70 W	70 W	70 W	-	11.000	12.000
	125 W	100 W	100 W	100 W	100 W	-		12.000
	-	150 W	150 W	150 W	150 W	150 W		12.500
	-	250 W	250 W	250 W	250 W	250 W		13.500
Ecolo 1 PL BR	80 W	70 W	70 W	70 W	70 W	-	10.500	11.500
	125 W	100 W	100 W	100 W	100 W	-		11.500
	-	150 W	150 W	150 W	150 W	150 W		12.000
	-	250 W	250 W	250 W	250 W	250 W		13.000

ECOLO 1 M

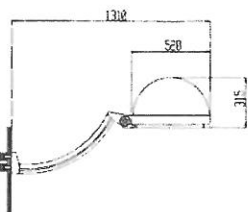


ECOLO 1 M PL

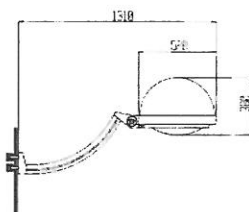


Model	Lamp type						Weight [gr]	
							Empty	With C.G.
Ecolo 1 M	80 W	70 W	70 W	70 W	70 W	-	9.500	10.500
	125 W	100 W	100 W	100 W	100 W	-		10.500
	-	150 W	150 W	150 W	150 W	150 W		11.000
	-	250 W	250 W	250 W	250 W	250 W		12.000
Ecolo 1 PL M	80 W	70 W	70 W	70 W	70 W	-	9.000	10.000
	125 W	100 W	100 W	100 W	100 W	-		10.000
	-	150 W	150 W	150 W	150 W	150 W		10.500
	-	250 W	250 W	250 W	250 W	250 W		11.500

ECOLO 1 M BR

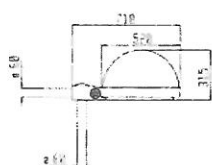


ECOLO 1 M BR PL

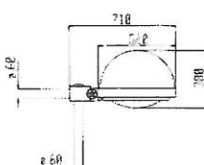


Model	Lamp type						Weight [gr]	
							Empty	With C.G.
Ecolo 1 M BR	80 W	70 W	70 W	70 W	70 W	-	12.000	13.000
	125 W	100 W	100 W	100 W	100 W	-		13.000
	-	150 W	150 W	150 W	150 W	150 W		13.500
	-	250 W	250 W	250 W	250 W	250 W		14.500
Ecolo 1 PL M BR	80 W	70 W	70 W	70 W	70 W	-	11.500	12.500
	125 W	100 W	100 W	100 W	100 W	-		12.500
	-	150 W	150 W	150 W	150 W	150 W		13.000
	-	250 W	250 W	250 W	250 W	250 W		14.000

ECOLO 1 TB

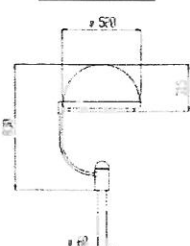


ECOLO 1 TB PL

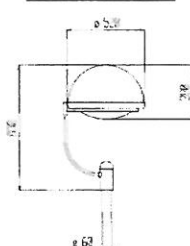


Model	Lamp type						Weight [gr]	
							Empty	With C.G.
Ecolo 1 TB	80 W	70 W	70 W	70 W	70 W	-	8.500	9.500
	125 W	100 W	100 W	100 W	100 W	-		9.500
	-	150 W	150 W	150 W	150 W	150 W		10.000
	-	250 W	250 W	250 W	250 W	250 W		11.000
Ecolo 1 PL TB	80 W	70 W	70 W	70 W	70 W	-	8.000	9.000
	125 W	100 W	100 W	100 W	100 W	-		9.000
	-	150 W	150 W	150 W	150 W	150 W		9.500
	-	250 W	250 W	250 W	250 W	250 W		10.500

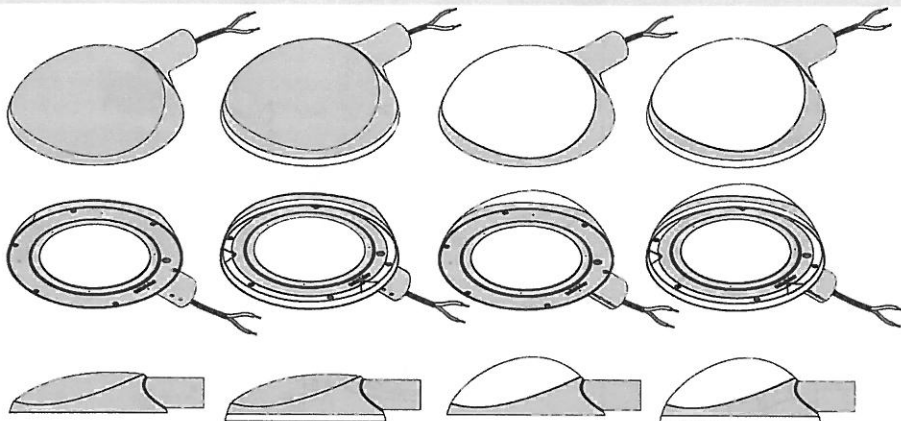
LIGNANO 1



LIGNANO 1 PL



Model	Lamp type					Weight [gr]	
						Empty	With C.G.
Lignano 1	80 W	70 W	70 W	70 W	70 W	10.000	11.000
	125 W	100 W	100 W	100 W	100 W		11.000
	-	150 W	150 W	150 W	150 W		11.500
	-	250 W	250 W	250 W	250 W		12.500
Lignano 1 PL	80 W	70 W	70 W	70 W	70 W	9.500	10.500
	125 W	100 W	100 W	100 W	100 W		10.500
	-	150 W	150 W	150 W	150 W		11.000
	-	250 W	250 W	250 W	250 W		12.000



IEC
EN60598

IP 66



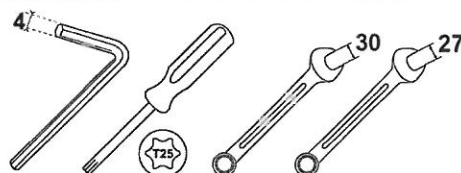
220-240V
50 / 60Hz

IK

Glass	Skirt	Dome	Diffused glass
10			09

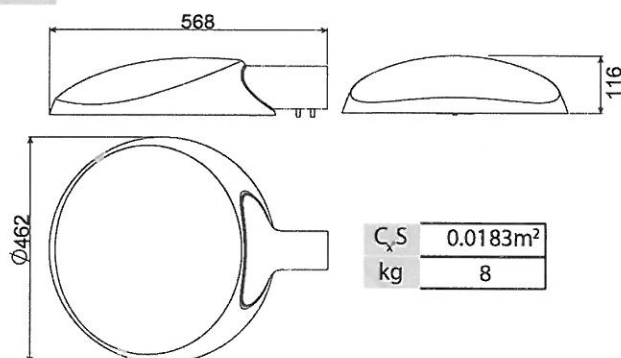
ENG	The light source fitted in this luminaire shall only be replaced by a Schröder employee or agent or a similar qualified person.	UKR	Джерело світла, встановлене в цій світильнику, підлягає заміні лише працівником чи агентом компанії Шрідер або аналогічним кваліфікованим фахівцем.	NLD	De lichtbron in dit verlichtingstoestel zal alleen vervangen worden door een medewerker, agent of vergelijkbaar gekwalificeerd persoon van Schröder.	RON	Sursa de lumină încorporată în acest aparat de iluminat va fi înlocuită doar de către un angajat al Schröder, de un agent al companiei sau de o persoană cu calificări similare.
SPA	La fuente de luz instalada en esta luminaria sólo puede ser substituida por Schröder o un agente cualificado.	ITA	La sorgente luminosa montata in questo apparecchio potrà essere sostituita esclusivamente da un addetto Schröder o da una persona parimenti qualificata.	DEU	Die eingebaute Lichtquelle in der Leuchte sollte nur von einem Schröder Mitarbeiter oder Vertreter oder einer ähnlichen qualifizierten Person ersetzt werden.	HUN	A lámpatestbe szerelt fényforrás (LED-modul) cseréjét csak a gyártó, annak szerviz szolgálata, vagy erre kiképzett szakember végezheti.
FRA	La source de lumière intégrée dans ce luminaire peut uniquement être remplacée par un employé de Schröder, un agent ou une autre personne qualifiée.	POL	Źródło światła zamontowane w tej oprawie może być tylko wymienione przez pracownika Schröder lub przez inną wykwalifikowaną osobę.	POR	A fonte de luz montada nesta luminária só pode ser substituída por um funcionário ou agente da Schröder ou por profissional qualificado autorizado para o efeito.	SRP	Zamenu svetlosnog izvora ugrađenog u ovu svetiljku će izvršiti samo Schröder-ov radnik, ovlašten predstavnici ili slična stručna osoba.
CHI	该灯具内的光源仅可由施莱德员工、指定代理商或具备类似资质的人员进行更换。	VIE	Nguồn sáng được trang bị bên trong bộ đèn này chỉ được thay thế bởi nhân viên Schröder hoặc đại lý hoặc người có trình độ tương đương.	RUS	Источник света, установленный в этом светильнике, должен заменяться только сотрудником Schröder, или специалистом аналогичной квалификации.	SLK	Výmena svetelného zdroja (LED modul) je možná len výrobcom, resp. len ním vyskolenými odborníkmi!

A

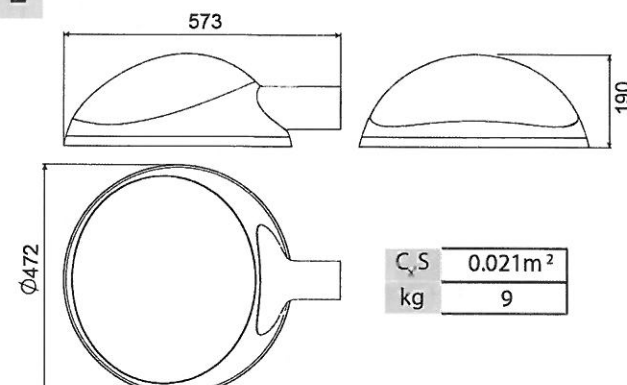


B

1

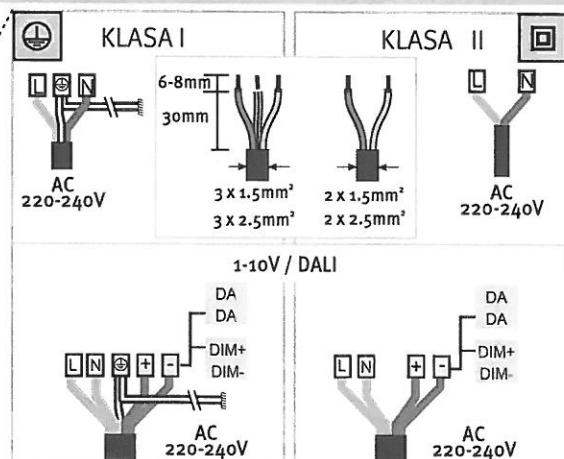
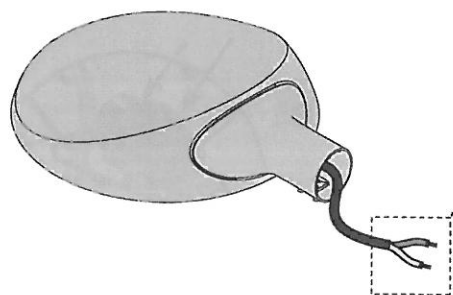


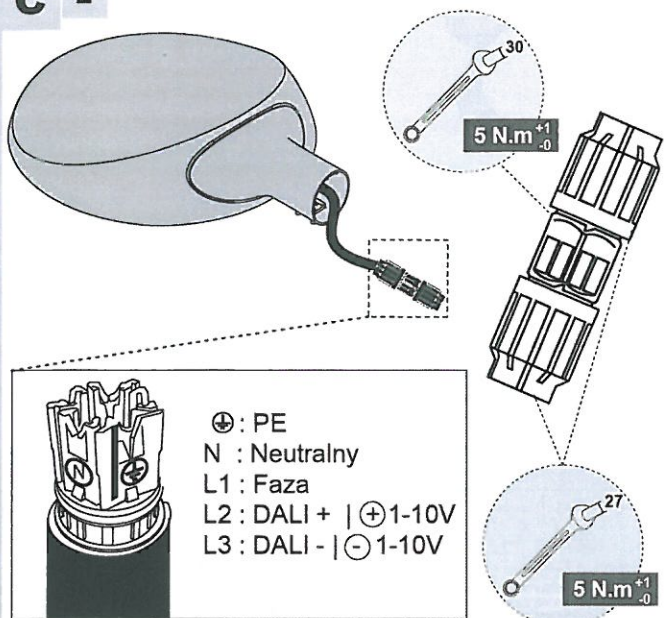
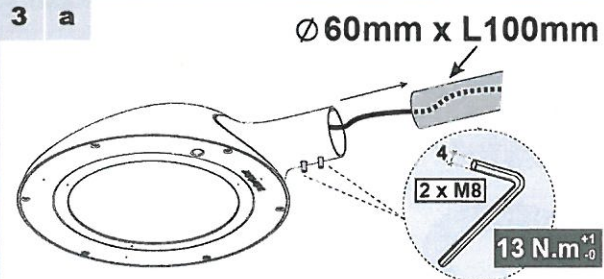
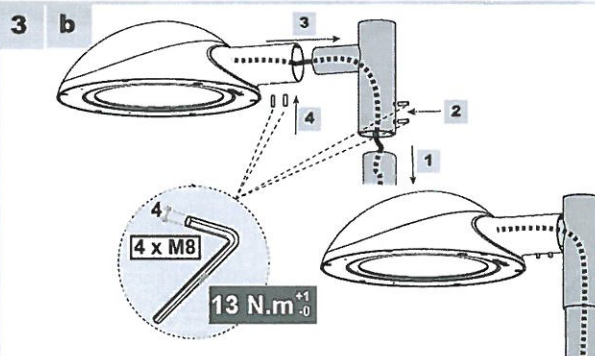
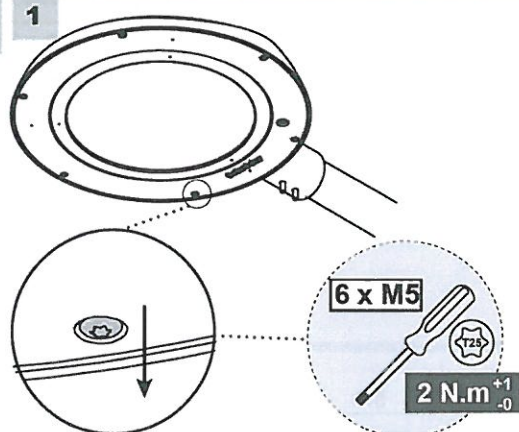
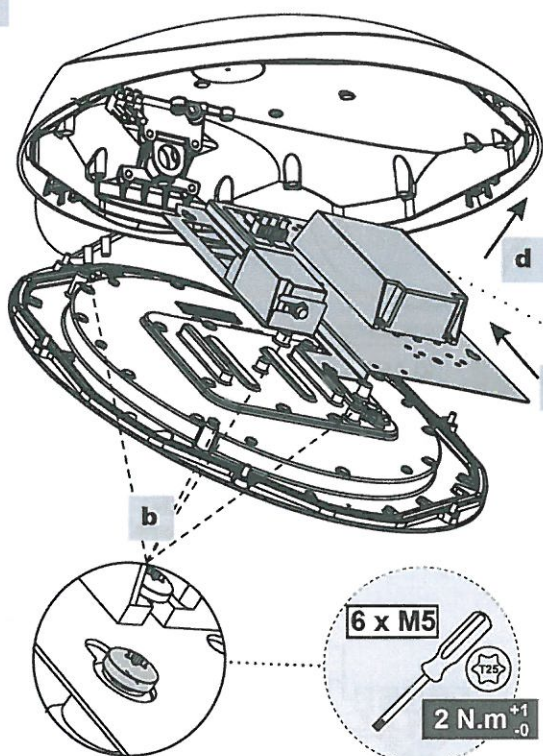
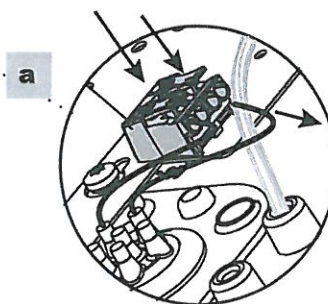
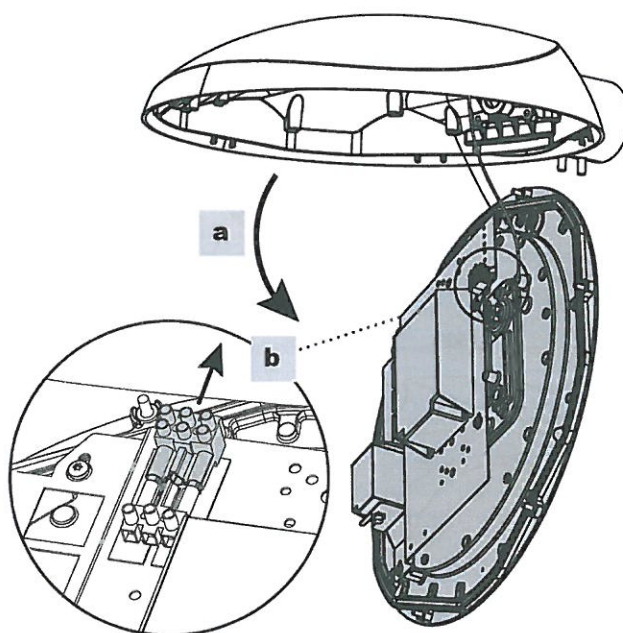
2

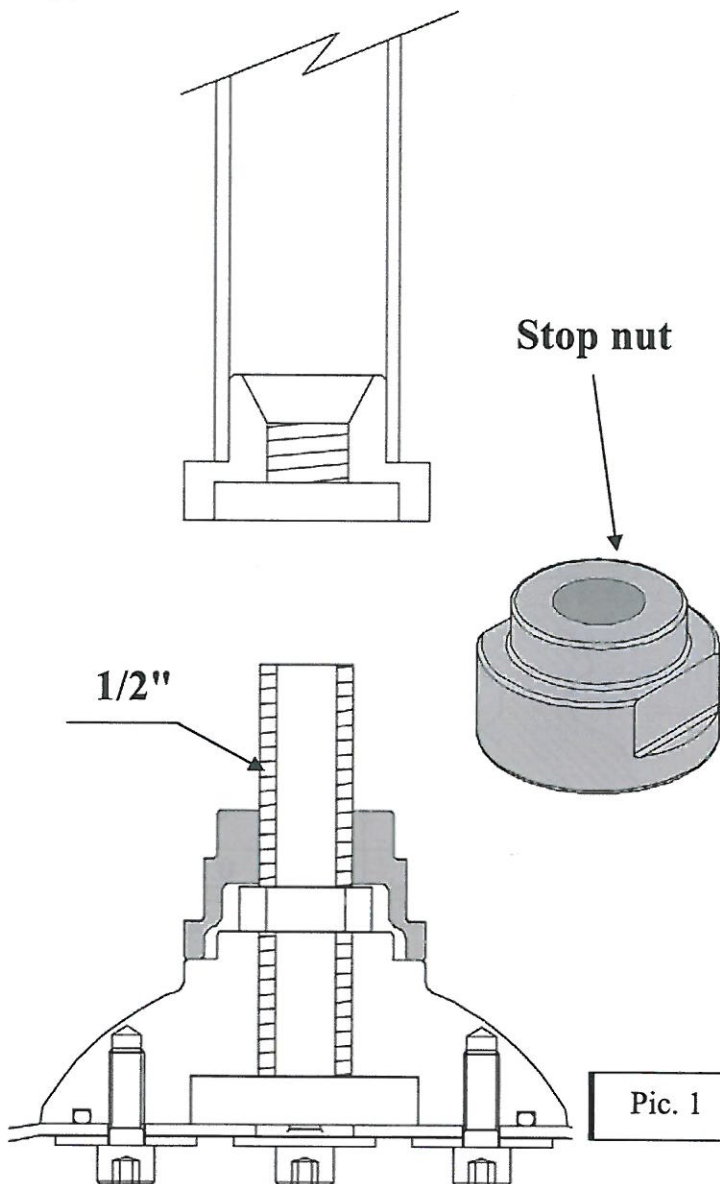


C

1



C 2**3 a****3 b****D 1****3****2**



Pic. 1

MOUNTING AND MAINTENACE INSTRUCTION

To fixing the luminaire to the bracket, it is necessary screw the luminaire until the end, then put the luminaire in right position according to the optic installation. At last tighten the stop nut, locking the luminaire with the bracket. Tighten the stop nut with an adjustable wrench of 46mm.

To gain access to the electrical parts, it is enough loosen the 8MA x 50 countersink screw located on the internal ring of the luminaire, using a set screw wrench of 5mm.

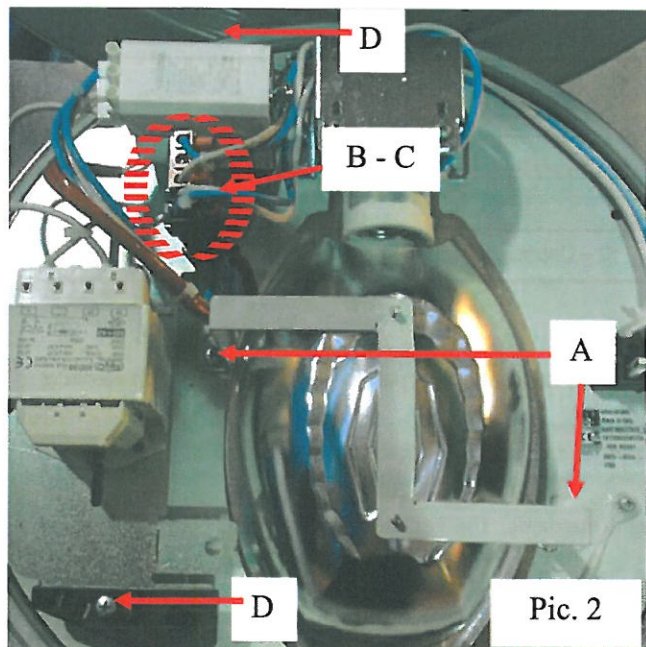
To connect the luminaire to the electrical line, insert the cable from the top entry, connect it to the on-load switch. Tighten the cable clamp with an adjustable wrench of 25mm and apply a twisting moment of 5Nm. The feeding of the fitting have to be done with a bipolar cable with nominal diameter between 7 and 13 mm.

To change the lamp loosen the 2 screws (A – Pic. 2) and lift the reflector. Change the lamp and replace the reflector in right position and block it with the n°2 screws (A).

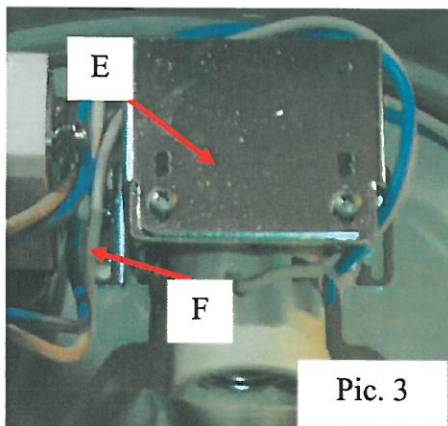
If needed, you can extract the gear tray disconnecting the connectors (B - C) and loosening the screws (D) [Pic. 2]. After making necessary operations, replace the gear tray in right position, tighten the 2 screws and connect the 2 connectors.

To close the luminaire lift up the lower frame and tighten the screw 8MA x 50 using a set screw wrench of 5mm applying a twisting moment of 8Nm.

The lamp holder system (E) allows to adjust the horizontal focus of the lamp in 6 positions. In this way the photometric solid can fit the width of the road: to change the focus of the lamp just loosen the 2 side screws (M) and slide the lamp holder system to the desired position. Finally screw the 2 screws (F).

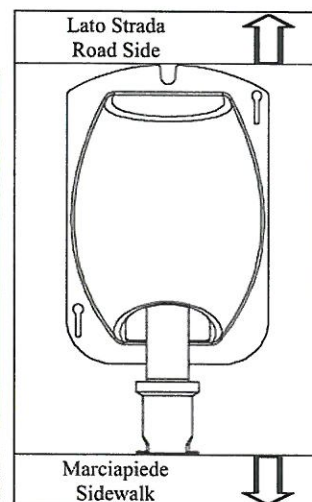


Pic. 2



Pic. 3

Altezza di installazione suggerita		
Potenza [W]	H min [m]	H max [m]
70	3	7
100	4	8
150	4	10





INFORMATION TO THE CUSTOMERS

Directive 2002/96/EC (Waste Electrical and Electronic Equipment - WEEE): information for users.

This product complies with EU Directive 2002/95/EC. The crossed-out wastebasket symbol on the appliance means that at the end of its useful lifespan, the product must be disposed of separately from ordinary household wastes. The user is responsible for delivering the appliance to an appropriate collection facility at the end of its useful lifespan. Appropriate separate collection to permit recycling, treatment and environmentally compatible disposal helps prevent negative impact on the environment and human health and promotes recycling of the materials making up the product. For more information on available collection facilities, contact your local waste collection service.

Lamp Type

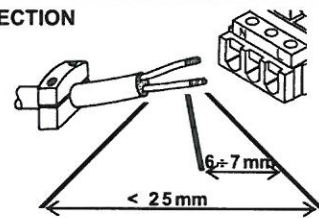
Model	Lamp type			
LL32	-	-	35W	-
	50W	50W	50W	50W
	70 W	70 W	70 W	70 W
	100 W	100 W	100 W	100 W
	150 W	150 W	150 W	150 W

LL32

LAMP	WEIGHT [kg]
35W	6.5
50W	7
70W	7
100W	8
150W	8.5

ELECTRICAL LINE CONNECTION

In order to insure double insulation characteristic of the feeder cable, we would advise that you first secure the feeder cable to the internal cable clamp, remove approximately 25mm of external sheathing, and 6mm of sheathing from the internal wires.

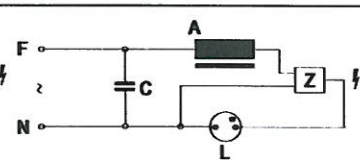
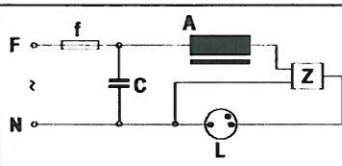
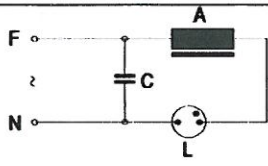
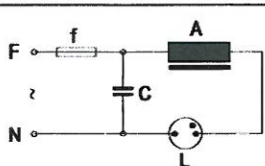


0.20m ²	0.088m ²	0.09m ²	0.10m ²

ELECTRICAL SCHEME

50 W + 70 W SHP

50 W + 150W SHP
35 W + 150W MHL



A – Ballast

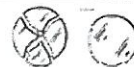
L – Lamp

f – Fuse

C – Capacitor

Z – Ignitor

ATTENTION

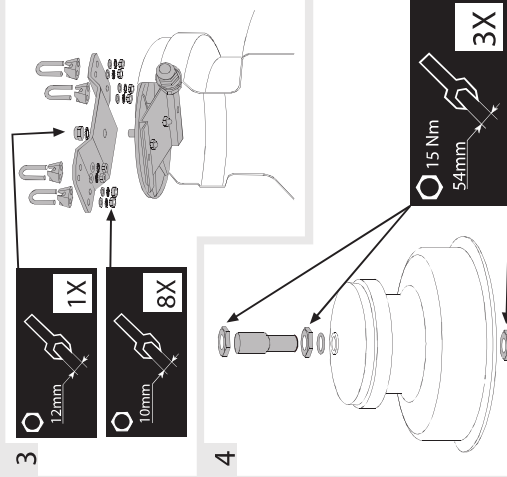


- The luminaire can be installed close to flammable surfaces.
- Class II luminaires must be installed in such a way that it is impossible for any exposed metal part to come in contact with electrical components.
- Luminaires for Metal Halide lamps must be always complete with its protective screen.
- For luminaires with Metal Halide lamps, damaged protective shields can only be replaced with original AEC Illuminazione's replacement shields.
- On luminaires for Metal Halide lamps use only UV Stop protected lamps.
- This luminaire has been designed and manufactured following all relevant standards. The installation must be done by experienced personnel and following the instructions.

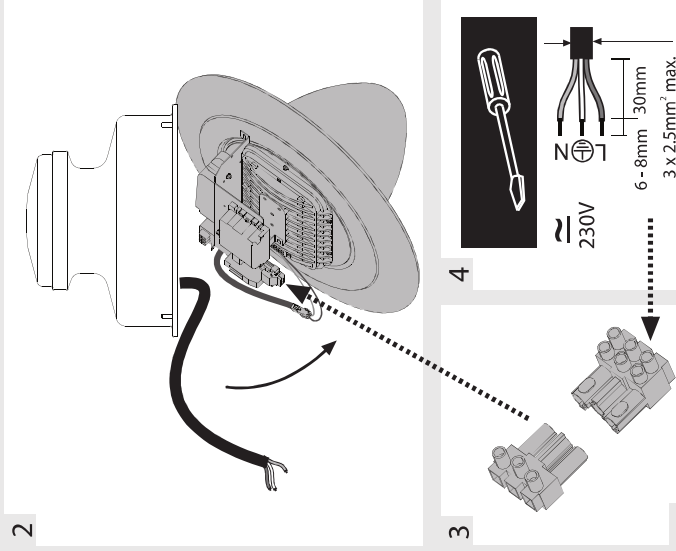
The present instruction paper has to be kept for any future maintenance operation on the luminaire.
Non compliance with the above will automatically release AEC Illuminazione Srl from any responsibility.



	16 x HP LED	24 x HP LED	32 x HP LED	48 x HP LED
W	20 W	28 W	29 W	54 W
Albany Midi 465				
Albany Maxi 465				



The diagram illustrates the correct use of a screwdriver. A hand is shown holding a screwdriver with a 3 Nm torque rating and a 500 mm length. The screwdriver is used to tighten a screw on a mechanical part. A callout shows a cross-section of the screwdriver tip, indicating the correct angle for insertion.



1

